



REFERENCE BOOK

Commercial & Industrial

Power Solutions For Telecommunication Network In Angola



Project

Pramac has been selected by UNITEL, one of the leading telecom companies in Angola, to supply emergency power plants ensuring energy continuity for the mobile telephone network across the entire country in case of mains failure. The project consists of 30 generators, ranging from 150 to 170 kVA, operating in parallel mode and each providing 113 kWe in standby.

Location
Lobito
Country
Angola

Key Features

GSW150 DEUTZ + STAMFORD, soundproof version, modular.

- Parallel Control Panel for synchronized operation of multiple generators
- Special soundproofing design using Profiling Polyurethane Foam for noise attenuation
- Remote communication capability via IB-NT (GPRS) protocol integrated in the control panel
- 1000 L sub-base extended fuel tank for prolonged operation
- Power output: 150–170 kVA



Water Treatment - Eta Calumbo



Project

The Calumbo Water Treatment Plant, the main water facility near Luanda, is powered by several PRAMAC GSW705V canopied generators operating in parallel and supplying five large 450 kW water pumps. In just three working weeks, PRAMAC's specialized team completed all fuel connections and piping, installed exhaust and hot air ducts, and connected the power and communication cables between the generators and the electrical board. Providing a turnkey solution that met all plant requirements, PRAMAC played a crucial role in the project: ensuring the distribution of potable water to over one million people in the Zango region, one of the largest new housing developments around Luanda.

Location

Lobito

Country

Angola

Key Features

5 X GSW705 V

- 702 kVA LTP
- 631 kVA PRP
- 50 Hz
- 400 V
- Volvo Tad1643GE
- Mecc Alte Eco 40-2L/4
- Modular parallel panel, automatic fuel pump, pre-heating system



Power for the main Hospital of Kwanza Norte



Project

Installation of four Pramac GSW710V generator sets to provide reliable backup power for the main hospital in Kwanza Norte, a 200-bed healthcare facility. The project falls within the healthcare sector, where continuous and stable power supply is critical for patient care and essential medical operations. The installation delivers a total power output of 2,840 kVA, with all units operating at 50 Hz and 400 V. The generators are equipped with Volvo engines and Mecc Alte alternators, ensuring high performance and reliability in demanding conditions. The solution features an open-set configuration, designed to meet the specific requirements of the installation environment while ensuring efficiency and ease of maintenance. This project highlights Pramac's ability to support critical infrastructure in international markets, delivering robust and reliable energy solutions for healthcare facilities where power continuity is essential.

Location
Kuanza Norte
Country
Angola

Key Features

4 x GSW710V

- Open version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine volvo
- Alternator Mecc Alte



WAPP - West African Power Pool



Project

The West African Power Pool (WAPP) was established to promote the development of power generation and transmission infrastructure, as well as to coordinate electricity exchanges among ECOWAS member states. To ensure uninterrupted operations, the WAPP headquarters in Cotonou is equipped with two 1100 kVA generators, providing a reliable and continuous power supply.

Location
Cotonou
Country
Benin

Key Features

2 x GSW1130P

- ESP Power: 1146 kVA
- PRP Power: 1044 kVA
- Frequency 50 Hz
- Voltage 400 V
- Perkins Engine
- Meccalte Alternator
- Automatic frame version
- 1000L tank
- TDU 15000L fuel storage tank
- Residential exhaust silencer
- Fixed 4-pole non-motorized circuit breaker



Emergency Of The Zoo Pairi Daiza



Project

The Sanctuary project at Pairi Daiza required the supply of two GSW2520P generators, each housed in 40-foot containers and delivering an ESP power rating of 2500 kVA, to ensure reliable backup power for the park in the event of an outage. Any power failure would have had severe consequences for the zoo: commercially, with the shutdown of billing systems; operationally, with the loss of security infrastructure and visitor services; and critically, for animal welfare, with disruptions to essential care, feeding, and environmental systems. The installation of robust generator solutions was therefore essential to uphold the park's mission as a true sanctuary for animals.

Location
Brugelette
Country
Belgium

Challenge: Develop a technical solution that fully met specifications, remained within budget, delivered optimal value for money, and complied with the end customer's strict deadline.

Solution: Delivery of two GSW2520P generators in full compliance with the customer's technical and operational requirements.

Results: A fully satisfied customer and a dependable, high-performance backup power solution ensuring uninterrupted operations.

Key Features

GSW2520P

- ESP Power: 2533 kVa
- PRP Power: 2281 kVa
- Frequency: 50 Hz
- Voltage: 400 V
- PERKINS Engine
- MECCALTE Alternator
- Containerized version



The Hospital Of Ndjamena



Project

PRAMAC was selected to supply the N'Djamena Hospital with an emergency power plant. The installation includes 1031 kVA soundproof generators operating in parallel synchronization, equipped with a 5000 A Automatic Transfer Switch (ATS). This emergency power solution ensures a reliable and continuous electricity supply for the entire hospital in the event of a grid failure, safeguarding all critical operations.

Location
Ndjamena
Country
Chad

Key Features

GCW1130P

- Power LTP 1134 kVA
- Power PRP 1031 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine PERKINS 4008-TAG2A
- Alternator MECCALTE ECO43 1L
- Soundproof enclosure noise level 75 +/-3 dB(A) @ 7 m
- Parallel panel
- Automatic transfer switch for all units of 5000 A



Power Solutions For A Luxury Resort In The Chinese Forest



Project

Located in Ninghai County, on the eastern coast of Zhejiang, this luxury resort is set amidst lush vegetation and natural bamboo forests and is home to one of China's most renowned hot springs. PRAMAC supported the site by supplying three generators, ensuring reliable and continuous power to maintain smooth operations in this remote location.

Location
Zhejiang
Country
China

Key Features

GSW1400M

- Capacity of 1000KW

GSW875P

- Capacity of 640KW

GSW330V

- Capacity of 250KW



Power Solutions For A Five-star Hotel In China



Project

This project represents the country's first international five-star hotel fully integrated with a "Metro + High-Speed Rail" transport hub. Located within the Shenzhen North Railway Station complex, it offers direct access to the station as well as Metro Lines 4 and 5. The hotel covers approximately 48,000 square meters and occupies the upper section of the main tower at a height of 250 meters, while the lower levels are dedicated to office and commercial spaces, complemented by high-end retail and residential developments. PRAMAC supported the facility by supplying two GSW1780P main power units, each delivering 1,360 kW, ensuring a reliable and high-capacity power supply for this landmark development.

Location
Shenzhen
Country
China

Key Features

GSW1780P

- Capacity of 1360KW



Power Solutions For A Liquor Company In China



Project

The project involved a leading UK-based liquor producer, recognized as a global industry leader with a diversified portfolio of premium brands across spirits, wine, and beer. The company, listed on both the New York and London Stock Exchanges, developed a major production facility in Fengyu Town, Fengxiang Village, Eryuan County, Yunnan Province. This industrial site is designed to produce 2.3 million liters of whisky annually at 65% alcohol content, equivalent to approximately 1.5 million liters of pure alcohol. The facility also includes a dedicated Visitor Area, the Whisky Culture Showcase Experience Centre, capable of welcoming up to 750 guests per day, with an annual capacity of nearly 250,000 visitors. To support operations, the site is equipped with power and micro fire stations, including a PRAMAC GCW720B generator, delivering 520 kW of reliable backup power.

Location
Fengyu
Country
China

Key Features

GCW720B

- Capacity of 520KW



Industrial And Commercial Bank Of China



Project

PRAMAC was selected to provide emergency power in the event of a mains failure, ensuring uninterrupted operation of all electrical components and computer systems managing the bank's registered data.

Location
Dalian
Country
China

Challenge: High reliability with low noise

Solution: Implementation of PRAMAC's new container design.

Result: A satisfied customer and a reliable, fully operational power solution

Key Features

1*GSW880M:

- Power: PRP 800kVA/640kW
- 400V/50Hz
- MPP , Parallel with mains
- 20' HQ container
- Sound level 80dBA @7m
- IFT 1000L fuel tank
- Pre-heating system
- Auto fuel pump



Tsinghua University- Automotive Engineering Experiment Center



Project

Tsinghua University's Automotive Engineering Experiment Center, one of the 75 state key laboratories established by the State Planning Commission with support from the World Bank, required a reliable backup power solution for its machine room. PRAMAC was selected to supply two 2,800 kVA generator sets to ensure continuity of power in the event of a mains failure.

Location
Beijing
Country
China

Challenge: Achieve very low noise levels within a sensitive environment.

Solution: Installation of residential-grade silencers to significantly reduce acoustic impact.

Key Features

2*GSW2800M

- Automatic control panel
- Open set
- ABB 3P automatic circuit breaker panel
- Residential silencer
- Pre-heating system
- Power: 2 x 2800kVA



Project

Tsinghua University's Institute of Life Sciences, with a long-standing legacy dating back to the founding of its Department of Biology in 1926, is recognized as one of the earliest centers for biological education and research in modern China. PRAMAC supplied a 2,605 kVA emergency generator set to ensure reliable backup power for the facility.

Location
Beijing
Country
China

Challenge: Achieve low noise levels within a sensitive research environment.

Solution: Installation of a residential-grade silencer to minimize acoustic impact.

Key Features

1*GSW2605M

- Automatic control panel
- Open set
- 3P automatic circuit breaker panel
- Residential silencer
- Pre-heating system
- Power: 2,605 Kva



China National Genebank Project



Project

The National Gene Bank is a key platform supporting life sciences research and the biotechnology industry at a national level. The first phase of the project represents an investment of 780 million yuan and covers a construction area of 47,500 square meters, making it one of the world's leading facilities of its kind, following NCBI and EBI. PRAMAC contributed to the project by providing a reliable backup power solution to support the continuity of critical operations.

Location
Shenzhen
Country
China

Challenge: Achieve low noise levels within a sensitive research environment.

Solution: Installation of residential-grade silencers to minimize acoustic impact.

Key Features

2*GSW2605M

- Power: ESP 2555kVA/2044kW
- 400V/50Hz
- Modular parallel panel
- Open set
- 3P automatic circuit breaker panel/parallel
- Residential silencer
- Pre-heating system



ZTE Telecom Cloud Computing Center



Project

Jiangsu Telecom, one of the nine major nodes in China's telecommunications network, benefits from a strong competitive advantage in broadband infrastructure. The facility, built in accordance with EIA/TIA 942 standards, has also been awarded a five-star certification by China Telecom Group. PRAMAC supplied multiple generator sets to provide reliable backup power for the Nantong Telecom Cloud Computing Center, ensuring the continuity of critical operations.

Location
Jiangsu
Country
China

Challenge: Ensure the highest level of reliability for a strategic telecommunications infrastructure.

Solution: Implementation of rigorous quality inspection procedures prior to delivery to guarantee performance and dependability.

Key Features

5*GSW2520P

- Modular parallel system
- Central control panel- InteliVision 17 Tough
- Pre-heating system
- ABB 10KV Switchgear cabinet
- DC cabinet
- Automatic refueling system
- 2000KW dummy load
- Genset installation and commissioning
- 2000KW Dumy load



Huawei Lvliang Telecom Cloud Computing Center



Project

Telecom, one of the nine major nodes in China's telecommunications network, benefits from a strong competitive position in broadband services. The facility is built in accordance with EIA/TIA 942 standards and has been awarded a five-star certification by China Telecom Group. PRAMAC supplied multiple generator sets to ensure reliable backup power for the Nantong Telecom Cloud Computing Center, safeguarding the continuity of critical operations.

Location
Jiangsu
Country
China

Challenge: Achieve the highest level of reliability for a strategic telecommunications infrastructure.

Solution: Implementation of rigorous quality inspection procedures prior to delivery to guarantee performance and long-term dependability.

Key Features

5*GSW2520P

- Central control panel: IntelliVision 17 Tough
- Pre-heating system
- ABB 10 kV switchgear cabinet
- DC cabinet
- Automatic refueling system
- 2,000 kW dummy load
- Genset installation and commissioning



China Gold Group Shaling Gold Ore Project



Project

The main shaft was successfully excavated to a depth of 1,551.8 meters in a single operation, setting a record as the deepest mine in Asia. Upon completion, the mine will achieve an annual ore processing capacity of 4 million tons, contributing approximately 10 tons of gold production per year and reinforcing China's position as the world's leading gold producer. PRAMAC supplied three 3,360 kVA open-type emergency generator sets to ensure reliable backup power in the event of mains outages.

Location
Shandong
Country
China

Challenge: Provide highly reliable backup power for a mission-critical mining operation.

Solution: Deployment of multiple generator units operating in parallel, supported by a centralized monitoring system to ensure optimal performance and reliability.

Key Features

3*GSW3360M

- Modular parallel system
- Central control panel- IntelliVision 17 Tough
- Pre-heating system
- Safety certificate for mine use of genset
- DC cabinet
- Automatic refueling system
- Genset installation and commissioning
- Power: 3 x 3360 kVA



Shenzhen Global PE Center, Hongyi Building



Project

The project covers a total construction area of 105,927.8 m² and is set to contribute to the development of the Qianhai Shenzhen-Hong Kong Modern Service Industry Cooperation Zone, a key initiative aimed at establishing one of the world's leading private equity service centers. PRAMAC was selected to support this strategic project by supplying two types of generator sets: GSW1130P and GSW875P, ensuring a reliable and high-performance power solution.

Location
Shenzhen
Country
China

Key Features

2*GSW1130P + 1*GSW875P

- Power: ESP1100kVA/800kW / ESP 875kVA/700KW
- 400V/50Hz
- ACP
- Pre-heating system
- Automatic refueling system
- Genset installation and commissioning



Power Solutions For The Qinghai-tibet Railway



Project

PRAMAC supplied 17 mobile generator sets (16 × GSW170I and 1 × GSW1915MH) for multiple stations along the Qinghai–Tibet Railway. One station, located at an altitude of 4,400 meters, is equipped with a 1,400 kW containerized booster generator capable of stepping up voltage from 400 V to 35 kV, fully integrated with the rail traction grid. Operating in an environment characterized by high altitude, extreme low temperatures, intense UV radiation, and unattended conditions, this installation ensures a reliable power supply to support the safe and continuous operation of the railway.

Location
Qinghai -Tibet
Country
China - Tibet

Key Features

GSW170I

GSW1915MH

- Main use 120KW
- Main power 1400KW



Shenzhen East Power Plant- The Biggest Waste Incineration Power Plant In China



Project

PRAMAC was selected to support the construction of one of the largest waste-to-energy plants in China. The facility currently processes 5,000 tons of waste per day, with an annual treatment capacity of 1.665 million tons, generating approximately 1.2 billion kWh of electricity each year. PRAMAC supplied a 1,319 kW backup power system designed to ensure reliable support for the plant's operations.

Location
Shandong
Country
China

Challenge: Integrate a COP application with parallel operation alongside the mains supply.

Solution: Development of a customized backup system engineered for stable and reliable parallel operation with the grid.

Key Features

1*GSW1400M

- ACP+ACH
- Pre-heating system
- Automatic refueling system
- Genset installation and commissioning
- Power: 1319 KW



Project

PRAMAC supplied the facility with two GCW1100M generators, ensuring reliable backup power for critical areas, including operating rooms, the rehabilitation center, and scientific research offices. This solution guarantees continuity of essential services and supports the safe and uninterrupted operation of the facility.

Location
Beijing
Country
China

Key Features

2*GSW1100M

- Power: ESP 1100kVA/880kW
- 400V/50Hz
- MPP
- Pre-heating system
- Genset installation and commissioning



Project

PRAMAC supplied a 1,400 kVA open-type emergency generator and provided full technical support throughout installation and final commissioning. This solution ensures a reliable backup power supply, guaranteeing operational continuity in the event of a mains failure.

Location
Xiamen
Country
China

Key Features

2*GSW1400M

- ACP
- 40'Container
- Pre-heating system
- Automatic refueling system
- 20m³ storage fuel tank
- Genset installation and commissioning
- Power: 1400 kVa



Power Solutions For A Hospital In China



Project

Located in Huishayu Town, Shunyi District, Beijing, this medical facility is affiliated with Capital Medical University. It hosts four key laboratories in Beijing, specializing in precancerous lesions of digestive diseases, tropical disease prevention and treatment, translational medicine for liver cirrhosis, and transplant tolerance and organ protection.

Location
Beijing
Country
China

Key Features

GSW2100MH

GSW1520MH

GSW370I

- Main power 1500KW
- 1100KW Mitsubishi series units
- Main power 280KW
- Fiat power series units



Zhenjiang Ninghai Anlan hotel



Project

Zhenjiang Ninghai Anlan Hotel selected PRAMAC as its preferred supplier for its backup power solution. Two GSW1400 MTU open-type generator sets, operating in parallel, ensure continuous power supply to all electrical loads in the building in the event of a mains outage.

Location
Zhejiang
Country
China

Challenge: Meet extended runtime requirements.

Solution: Design and installation of a dedicated 20 m³ fuel tank to ensure extended autonomy.

Key Features

2*GSW1400M

- ESP:1375kVA/1100kW
- 400V/50Hz
- ACP
- 40'Container
- Pre-heating system
- Automatic refueling system
- 20m3 storage fuel tank
- Genset installation and commissioning



High Altitude Cosmic Ray Observatory Of Chinese Academy Of Sciences



Project

Construction has begun on a major high-altitude cosmic-ray observatory in the Ganzi Tibetan Autonomous Prefecture, Sichuan Province, Southwest China. The facility is expected to become one of the world's four leading research centers in this field, alongside sites in South America, the South Pole, and Europe. PRAMAC was selected to supply two 1,400 kVA generators to provide reliable emergency backup power for the High-Altitude Cosmic Ray Observatory of the Chinese Academy.

Location
Sichuan
Country
China

Challenge: Develop a new container design incorporating electrical louvers and an integrated fire-fighting system.

Solution: Implementation of PRAMAC's newly engineered container design to fully meet the project's technical and safety requirements.

Key Features

2*GSW1400M

- Modular parallel panel (MPP)
- 40' Customized Container
- Electrical louver
- Pre-heating system
- 40m³ storage fuel tank
- Automatic refueling system
- Genset installation and commissioning
- Power: 1400 kVA



Project

PRAMAC was selected by Wuhan Tuanfeng People's Hospital to supply a GCW1120M generator, installed within the hospital's emergency power plant to ensure a reliable and continuous electricity supply.

Location
Wuhan
Country
China

Challenge: Develop a new container design integrating electrical louvers and a fire-fighting system.

Solution: Implementation of PRAMAC's newly engineered container design to fully meet the project's technical and safety requirements.

Key Features

1*GSW1120M

- Power: PRP 1000kVA/800kW
- 400V/50Hz
- ACP
- Pre-heating system
- Genset installation and commissioning



Project

PRAMAC was selected to supply a GSW1100MH generator to a factory in Guangdong, providing backup power to Guangdong Yizhi Technology Co., Ltd.

Location
Guangdong
Country
China

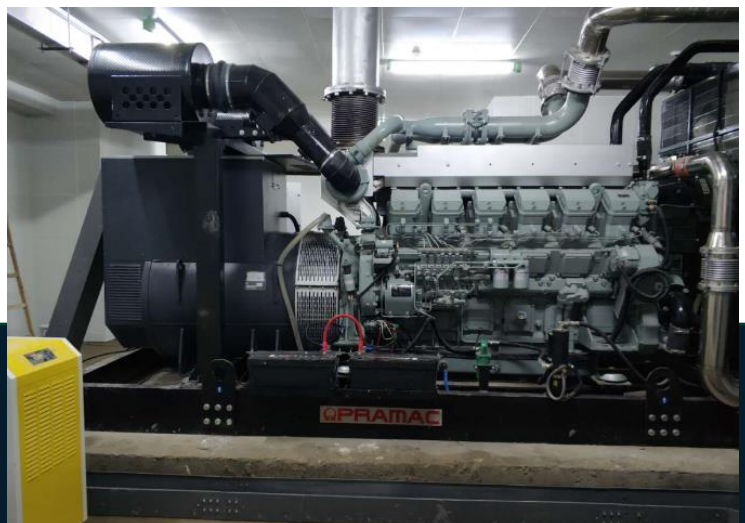
Challenge: Develop a new container design integrating electrical louvers and a fire-fighting system.

Solution: Implementation of PRAMAC's newly designed container to fully meet the project's technical and safety requirements.

Key Features

1*GSW1100MH

- Power: PRP 1000kVA/800kW
- 400V/50Hz
- ACP
- power distribution cabinet
- Genset installation and commissioning



Taoba High-speed JD6 Section, Guanba Town, Nanjiang County



Project

The generators provided serve as backup power but can also operate in parallel with the mains. The system includes a 10 kV generator for high-voltage equipment and a 0.4 kV generator for low-voltage loads, such as emergency lighting, fire-fighting systems, ventilation, and station monitoring.

Location
Sichuan
Country
China

Challenge: Ensure reliable operation in a high-altitude environment.

Key Features

GSW2800M*1 / GSW2250MH*1 / GSW275V*1

- Modular parallel system
- Pre-heating system
- Automatic refueling system
- Genset installation and commissioning
- Power: 2x 0.4 kv – 10 kv



Bai He Tan Hydropower Station



Project

As a key project within China's West-East Power Transmission Program, the Baihetan Hydropower Station is the largest and most technically complex hydropower project currently under construction worldwide. Each generating unit has a capacity of 1 million kW, representing the highest single-unit capacity globally and a major milestone in China's high-end industrial capabilities. PRAMAC was selected to supply four generator sets, ensuring reliable backup power for the Baihetan Hydropower Station and supporting the continuous operation of this strategic infrastructure.

Location
Yunnan
Country
China

Key Features

4*GSW1780P

- Power: PRP 1600kVA/1280kW
- 10.5kV/50Hz
- Modular parallel system
- open verion
- Pre-heating system
- DC cabinet
- Automatic refueling system
- Genset installation and commissioning



Beijing Friendship Hospital (Shunyi District)



Project

The construction of Beijing Friendship Hospital in Shunyi District plays a key role in addressing local healthcare demand, enhancing medical services, and strengthening public health resources, while supporting regional development across Beijing, Tianjin, and Hebei. PRAMAC was selected to supply the hospital's emergency power plant, ensuring a reliable electricity supply for all equipment in the event of a grid failure and safeguarding the continuity of critical medical operations.

Location
Beijing
Country
China

Key Features

1*GSW2100MH / 4*GSW1520MH

- Modular parallel system
- Pre-heating system
- Automatic refueling system
- Genset installation and commissioning



The Sichuan-tibet Railway



Project

The Sichuan–Tibet Railway project requires highly reliable standby power to ensure the stability and safety of its operations. PRAMAC supplied 18 GCW825B canopy-type generator sets, specifically designed to operate under high-altitude conditions and ready for rapid commissioning.

Location
Sichuan
Country
China

Challenge: Operate efficiently in high-altitude environments with low temperatures, while meeting tight delivery and commissioning deadlines.

Solution: Dedicated project execution combined with effective on-site management ensured that testing and commissioning were successfully completed within the required timeframe.

Key Features

18*GCW825B

- Power: PRP750kVA/600kW
- 400V/50Hz
- Soundproof Canopy
- Modular parallel system
- 4*Step up transformer from 400V to 10.5kV
- 4000M High attitude application
- Central monitoring control room
- 10.5kV MV Switchgear and LTS
- Full package for heating system



Project

PRAMAC, as the preferred supplier, delivered five GSW2800B open-type generator sets configured to operate in parallel, ensuring uninterrupted power supply to all building loads in the event of a mains failure. PRAMAC managed both the delivery and commissioning of the installation, ensuring full operational readiness.

Location
Wuhan
Country
China

Challenge: Deep-sea redundant control system design.

Solution: Rigorous factory quality inspections combined with effective on-site management to meet customer requirements

Key Features

5*GCW2800B

- Power: DCP 2500kVA/2000kW
- 10.5kV/50Hz
- Redundant MPP control system
- DSE812 Central monitoring control system
- 2*30m³ storage fuel tank
- Automatic fueling system



Project

To enhance the stability of its power system, Hong Kong Airport procured multi-purpose trailer-mounted generator sets from PRAMAC. These containerized generators are designed to provide reliable backup power under extreme conditions.

Location
Hong Kong
Country
China

Challenge: Meet strict quality requirements while developing a completely new 40-foot container design integrating fuel systems, electrical cabinets, and complying with rigorous airport testing standards.

Solution: Development of a fully integrated containerized solution, incorporating the fuel tank, electrical cabinet system, dual battery and charger setup, as well as an advanced silencer, all within a standard 40-foot container.

Key Features

1*GSW1650MH

- Power: ESP 1650kVA/1320kW
- 380V/50Hz
- Mobile back up power for airpower
- Redundant starting system
- Form 4b power cabinet
- Double Ni-cd batteries
- Sound level 75dBA@7m
- 120hours FAT & SAT



Congo (DRC) New Mining Copper And Cobalt Wet Process Smelter



Project

Several PRAMAC generators have been installed, providing a total capacity of approximately 12.6 MW. The generator sets are of open-frame design, facilitating easier maintenance and access.

Country
Democratic
Republic of
the Congo

Key Features

7*GSW2520P

- Modular parallel system
- Pre-heating system
- Automatic refueling system
- Genset installation and commissioning
- Capacity: 12.6MW



Emergency Of A Seaport - GATEWAY TERMINAL



Project

Commissioning of five synchronized GDS1380P generators, forming a 6.25 MVA mini power plant, for the Port of Matadi. This installation ensures the continuous operation of the port's refrigerated container fleet.

Challenge: Provide identical generator sets for simplified maintenance, split into two plants, a 2 MW and a 3 MW, delivered within less than three months.

Solution: Deployment of Five GDS1380P units synchronized with the Indian plant to ensure uniform operation.

Result: A satisfied customer with a reliable, fully operational power solution.

Location

Democratic
Republic Of
The Congo

Key Features

GDS1380P

- ESP Power 1375 kVA
- PRP Power 1250 kVa
- Frequency 50 Hz
- Voltage 400 V
- Perkins 4012-46TWG2A Engine
- Leroy-Somer Alternator
- 20' container version
- DeepSea 8610 Control Panel with Synchronisation
- 4-pole circuit breaker
- 650-litre fuel tank
- Alternator temperature protection sensor
- Automatic fuel pump
- Anti-condensate/alternator resistance
- Tropicalised radiator
- Customised grey colour



Digital Training Centers



Project

The Orange network of digital training centers and laboratories has expanded with its fifteenth African center in the DR Congo. This Digital Center integrates the telecom group's four strategic programs: a code school (digital academy), a digital fabrication workshop (FabLab Solidaire), a start-up accelerator (Orange Fab), and Orange Ventures Middle East & Africa, the French group's investment fund supporting young companies. As part of a tender launched by Orange for their Digital Center in Kinshasa, PRAMAC supplied two containerized 1000 kVA generators to ensure continuous operation of the facility.

Location

Kinshasa

Country

Democratic
Republic of
Congo

Key Features

2 x GDS1210P

- ESP Power: 1209 kVA
- PRP Power: 1088 kVA
- Frequency 50 Hz
- Voltage 400 V
- Perkins Engine
- Leroy-Somer Alternator
- Base frame version
- Dual electric motor start
- Acoustic room treatment
- DeepSea DSE8610 coupling board
- 4-pole circuit breaker
- 650-liter fuel tank
- Alternator temperature protection sensor
- Automatic fuel pump
- Anti-condensate heater / alternator
- Tropicalized radiator



Project

Pramac supply a 500 kVA generator set for an industrial free zone, ensuring a reliable and continuous power solution to support operational activities.

Key Features

GDW655V/ST2

- Power: 500 Kva

Location

Santiago de los
Caballeros
(Free Zone)

Country

Dominican
Republic



Power Plant- Backup Power Generation



Project

Pramac supply a 300 kVA generator to the North Gate facility of Seaboard Transcontinental, ensuring a reliable and continuous power solution to support site operations.

Location
Santiago de los
Caballeros

Country
Dominican
Republic

Key Features

GSW330 V

- Power: 400 Kva



Residential - Backup Power Generation



Project

Pramac supply a 700 kVA generator to Hotel El Portillo, ensuring a reliable and continuous power solution to support hotel operations and maintain guest comfort.

Location

Samana

Country

Dominican Republic

Key Features

GSW 720 V

- Power: 700 kva



Industry - Backup Power Generation



Project

Pramac supply a 450 kVA generator to the El Seibo Aqueduct, ensuring a reliable and continuous power solution to support water distribution operations and maintain service continuity.

Location

El Seibo

Country

Dominican Republic

Key Features

GSW 460 V

- Power: 450 Kva



Residential - Backup Power Generation



Project

Pramac supply a 600 kVA generator to the Roberto Pastoriza Tower, ensuring a reliable and continuous power solution to support building operations and maintain service continuity.

Location
Santo Domingo
Country
Dominican
Republic

Key Features

GSW 560 V

- Power: 600 kva



Project

One of the leading African companies in the marine projects sector, operating in Equatorial Guinea, selected PRAMAC to support the construction of a hotel. PRAMAC supplied 1000 kVA generator sets with a separate synchronization panel to ensure the continuous supply of sensitive loads in the event of a blackout.

Country
Equatorial
Guinea

Key Features

GCW1000M

- Power LTP 1009 kVA
- Power PRP 931 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine MTU 16V2000G25
- Alternator MECCALTE ECO43 2S
- Soundproof enclosure noise level 80 +/-3 dB(A) @ 1m
- External emergency synchronizing panel



Construction Of A New Plant



Project

PRAMAC was selected by a global water treatment company to support the construction of a new plant in Equatorial Guinea. The facility consists of three stations, each equipped with two generators operating in continuous production, ensuring reliable and uninterrupted power for the entire installation.

Location
Bata
Country
Equatorial
Guinea

Key Features

GCW1250

- Power LTP 1350 kVA
- Power PRP 1250 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine PERKINS 4012-46TWG2A
- Alternator
- STAMFORD PI7A
- Sound attenuators 70 +/-3 dB(A) @ 7 m
- Parallel panel
- Dummy load
- Installation kit

GCW1500

- Power LTP 1500 kVA
- Power PRP 1650 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine PERKINS 4012-46TAG2A
- Alternator: STAMFORD PI7C
- Sound attenuators: 70 +/-3 dB(A) @ 7 m
- Parallel panel
- Dummy load
- Installation kit

GCW1700

- Power LTP 1770 kVA
- Power LTP 1770 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine PERKINS:4012-46TAG3A
- Alternator: STAMFORD PI7D
- Sound attenuators: 70 +/-3 dB(A) @ 7 m
- Parallel panel
- Dummy load
- Installation kit



Emergency And Production For A Foundry



Project

The furnaces are the core operational assets of the Paccard foundry and are essential to its bell production process. In the event of a power outage during operation, a furnace immediately shuts down, causing a rapid drop in temperature. As a result, the molten metal inside solidifies and hardens, rendering the furnace irreparable. Such an incident would represent a critical loss for the company, which relies on these furnaces as its primary production tool. To mitigate this risk, the foundry identified the need for a reliable emergency power solution. Since the furnaces themselves operate on gas, the site is already equipped with a propane tank, which also offered an opportunity to fuel a gas-powered generator.

Location
Sévrier (74)
Country
France

Challenge: Ensure continuous power supply to protect critical equipment, while leveraging the existing propane infrastructure.

Solution: Installation of a gas-powered generator compatible with the site's propane supply.

Results: Successful deployment of a GGW70G generator, providing a reliable backup solution and safeguarding the foundry's production capabilities.

Key Features

GGW70G

- ESP Power: 70 kVa
- 50 Hz Frequency
- 400 V Voltage
- GENERAC Engine
- MECCALTE Alternator
- Hooded version



Power Solutions For A Logistics Company In France



Project

Pramac installed two GSW1270P backup generators for a logistics company to ensure business continuity in the event of a power outage. Both units are designed to start simultaneously and operate in synchronization, providing an immediate and stable power supply.

This configuration guarantees uninterrupted operations and maintains the seamless functioning of production lines, eliminating the risk of downtime and ensuring operational reliability.

Location
Saran
Country
France

Key Features

GSW1270P

- ESP Power 1266 kVA
- PRP Power 1136 kVA
- Frequency 50 Hz
- Voltage 400 V
- Engine PERKINS
- Alternator MECCALTE
- Canopy version
- Integrated tank 3000L



Emergency Of Grdf's Headquarters



Project

GRDF's headquarters aimed to secure its electrical infrastructure and prevent any operational disruption or damage in the event of a power outage. In line with its energy strategy and core business, Gaz Réseau Distribution France chose a gas-powered solution as the most consistent and efficient approach.

Location
Paris (75)
Country
France

Challenge: Deliver a generator set that both ensures reliable backup power and aligns with the company's energy strategy.

Solution: Installation of a gas-powered generator tailored to the site's specific requirements.

Results: Successful deployment of a GGW750G generator, providing a reliable, efficient, and strategically aligned backup power solution.

Key Features

GGW750G

- ESP Power: 750 kVa
- PRP Power: 625 kVa
- Frequency: 50 Hz
- Voltage: 400 V
- GENERAC Engine
- LEROY SOMER Alternator
- Hooded version



Hospital Of Isle-sur-la-sorgue



Project

PRAMAC installed a GGW500G natural gas emergency generator at the hospital in L'Isle-sur-la-Sorgue, located within a protected Natura 2000 area in southern France. Due to strict environmental regulations, natural gas was the only fuel permitted by local authorities, as it produces no particulate emissions, generates approximately 20% less CO₂ than diesel, and eliminates the risk of fuel leaks or soil contamination. The generator is directly connected to the gas grid, ensuring continuous backup power without the need for on-site fuel storage. Its capability to reach full load in under 10 seconds makes it particularly well-suited for critical healthcare applications. Fully compliant with safety and regulatory requirements, including French standard NFE 37-312, the solution was approved by the Authority Having Jurisdiction (AHJ).

Location
ISLE-SUR-LA-SORGUE (84)
Country
France

Challenge: Provide a backup power system that complies with strict environmental and safety regulations within a protected Natura 2000 area.

Solution: Installation of a natural gas-powered generator offering low emissions, no particulate output, and no on-site fuel storage—making it fully aligned with local regulatory constraints.

Results: Approval of natural gas as a safe and reliable energy source for life-safety applications, followed by the successful installation of a GGW500G generator, ensuring continuous, compliant, and environmentally responsible backup power for the hospital.

Key Features

GGW500G

- ESP Power 500 kVa
- PRP Power 450 kVa
- Frequency 50 Hz
- Voltage 400/231 V
- GENERAC Engine
- MECCALTE Alternator
- Soundproof hooded version



Power Solutions For The "Grande Arche De La Défense" In France



Project

Pramac was selected to provide backup power for the iconic Grande Arche de La Défense in France. The project required engines compliant with TA-LUFT 2000 regulations, as well as a specialized heat exchanger system allowing the cooling radiator to be remotely installed on top of the building. Pramac supplied three GCW1400M generators installed in parallel, which are now fully operational and ensure reliable power in the event of an outage.

Location
Puteaux
Country
France

Key Features

GCW1400M

- Power LTP 1375 kVA
- Power PRP 1250 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine MTU 18V2000G26F
- Alternator LEROY SOMER LSA50.2 M6
- Plate heat exchanger kit for remote radiator
- Automatic lube oil refilling system



Power Solutions For Loxam Head Office In France



Project

As part of its commitment to improving environmental performance, Loxam opted for a gas-powered generator solution. PRAMAC supplied a GW430G generator set, ensuring reliable backup power while offering a more sustainable alternative, with reduced CO and NOx emissions and no particulate matter. PRAMAC's engineering team developed a bespoke support platform fully compliant with DTU waterproofing standards, while enabling the reuse of existing studs from the previous installation. The project was delivered on a turnkey basis, encompassing engineering studies, equipment supply, installation, gas network connection, as well as testing and commissioning.

Location
La Défense,
Paris (92)
Country
France

Challenge: Achieve compliance with DTU waterproofing standards, integrate existing installation constraints, and meet stringent carbon emission targets.

Solution: Design and installation of a compliant custom platform, integration of the gas network, and full system testing and commissioning.

Results: A fully operational gas-powered generator installed on a compliant structure, delivering reliable backup power while significantly reducing environmental impact.

Key Features

GGW430G

- ESP Power: 430 kVa
- Frequency: 50 Hz
- Voltage: 400/231 V
- GENERAC G21.9 L Engine
- MECCALTE ECO 40 2S Alternator
- Soundproof hooded version



Leclerc food retailer - Limoux



Project

E.Leclerc, the leading French retailer in the food distribution sector with 520 stores, chose to modernize its operations by equipping its Limoux store in southeastern France with a 1260 kVA generator. The generator ensures reliable backup power and supports operations during EJP periods.

Location
Limoux
Country
France

Key Features

GCW1260MESP

- Power: 1257 kVAPRP
- Power: 1138 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 18V2000G65
- Alternator: MECCALTE ECO43-2LN
- Containerized version
- Grid coupling: EDF



Leclerc food retailer - Nîmes



Project

E.Leclerc, the leading food retailer in France with 520 stores, chose to modernize its operations by equipping its Nîmes store in southeastern France with a new 870 kVA generator, ensuring reliable backup power supply.

Location
Nîmes
Country
France

Key Features

GSW870 M

- Power: 871 kVA
- PRP Power: 788 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 12V2000G65
- Alternator: MECCALTE ECO43-1SN
- Enclosed version
- Automatic backup control panel



Project

The Auchan “Petite Forêt” store, located near Lille in northern France, upgraded its backup power system to ensure operational reliability. Auchan, the world’s 10th largest food retailer and second largest in France, replaced its existing generator, whose engine had been damaged, with a new GCW1770M unit. This installation secures uninterrupted store operations by providing a dependable and high-performance backup power solution.

Location
Valenciennes
Petite Forêt
Country
France

Key Features

GCW1770M

- Power: 1658 kVA
- PRP Power: 1506 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 12V4000G23
- Alternator: STAMFORD PI7D
- Remote electric radiator
- Chassis version
- Automatic backup control panel



Project

ALINEA, the renowned furniture retailer, sought to secure backup power for its facilities to ensure continuous operations in the event of a power outage. This solution enables critical business functions, such as cash registers, payment terminals, and IT systems, to remain fully operational, thereby preventing any potential financial loss.

Location
Blagnac & St
Orens (31)
Noyelles
Godault (62)
Country
France

Key Features

GSW275V

- Power: 275 kVA
- PRP Power: 249 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO TAD 734GE
- Alternator: MECCALTE ECO38-1L
- Enclosed version

GSW450VESP

- Power: 437 kVA
- PRP Power: 414 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO TAD 1344GE
- Alternator: MECCALTE ECO40-1S
- Enclosed version



Intermarché – Backup Power



Project

Backup power ensures that the store can continue operating during power outages, keeping IT systems and payment terminals running, and maintaining the functionality of the entire payment system. It also guarantees the continuous operation of refrigerators and freezers, preventing the loss of perishable merchandise in the event of a prolonged outage.

Location
Sainte-marie-
de-cuines
Country
France

Key Features

GSW275V

- Power: 1009 kVA
- PRP Power: 913 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 16V2000G25
- Alternator: MECCALTE ECO43-2S
- Enclosed version



Leclerc - Saint Brice De Courcelles



Project

Backup power ensures the store remains operational during power outages, preventing the shutdown of IT systems, payment terminals, and the entire payment network. It also maintains the continuous operation of refrigerators and freezers, avoiding the total loss of perishable goods in the event of a prolonged outage.

Location
Saint Brice De
Courcelles
Country
France

Key Features

GDW420V

- Power: 419 kVA
- PRP Power: 383 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO TAD1343GE
- Alternator: Mecc Alte ECO40-1S4C
- Enclosed version
- Large capacity fuel tank (48h autonomy)



Intermarché - Backup power



Project

Backup power ensures the store remains operational during outages, preventing the shutdown of IT systems, payment terminals, and the entire payment system. It also keeps refrigerators and freezers running, avoiding the total loss of perishable goods in the event of a prolonged outage.

Location
Sommières
Country
France

Key Features

GSW630DOESP

- Power: 636 kVA
- PRP Power: 577 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: DOOSANA
- Alternator: Mecc Alte
- Enclosed version
- Large capacity fuel tank (4180 L)



Aes Chemunex Pharmaceutical Plant



Project

AES CHEMUNEX, located in northwestern France and specializing in the pharmaceutical industry, selected PRAMAC to supply a combined backup and EJP generator solution. This installation delivers a unique and highly reliable system, ensuring up to 72 hours of autonomy at full power.

Location
Combourg (35)
Country
France

Key Features

GSW650V

- ESP Power: 632 Kva
- PRP Power: 572 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO TAD 1642GE
- Alternator: MECCALTE ECO40-1,5LE
- nclosure: Soundproof canopy (special color)
- Grid Connection: EDF coupling
- Fuel Tank: Large-capacity for extended autonomy



Project

A GDW370 I generator was installed to provide a reliable backup power solution for a cured meats production facility. This installation ensures operational continuity in the event of a power outage, preventing disruptions and avoiding potential financial losses.

Location
Saint-nizier-
sous-charlieu
(42)

Country
France

Key Features

GDW370 I

- ESP Power: 370 kVA
- PRP Power: 350 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: Iveco C13TE2A
- Alternator: Meccalte ECO38 2L4C
- Enclosure: Soundproof canopy



Project

Pernod Ricard, a globally renowned leader in the beverage industry, must ensure uninterrupted production and cannot afford any downtime caused by power outages. To meet this critical requirement, the company selected Pramac to install a backup generator, ensuring continuous operations and safeguarding production processes against any power disruption.

Location
Marseille (13)
Country
France

Key Features

GSW 220

- ESP Power: 220 kVA
- PRP Power: 202 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: IVECO
- Alternator: MECCALTE
- Enclosure: Open frame (no canopy)



Icame - Backup Generator



Project

A GCW1650P generator was installed to provide a reliable backup power solution for CERBA laboratories. This installation ensures that all critical equipment remains fully operational during power outages, safeguarding continuity of laboratory activities and preventing any disruption to essential processes.

Location

Saint-ouen-
l'aumône (95)

Country

France

Key Features

GCW1650P

- ESP Power: 691 kVA
- PRP Power: 631 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: DOOSAN P222LE-S
- Alternator: MECCALTE ECO40-2L
- Enclosure: Soundproof canopy



Project

LIDL, with a network of 1,500 stores across France, requires uninterrupted operations to ensure business continuity. To meet this need, LIDL entrusted PRAMAC with the delivery of a reliable power solution. A GCW1650P generator was installed, guaranteeing a continuous and dependable power supply.

Location
Saint Quentin
Fallavier (38)
Country
France

Key Features

GCW1650P

- ESP Power: 1620 kVA
- PRP Power: 1550 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: PERKINS
- Alternator: MECCALTE
- Enclosure: Soundproof canopy



Evergreen Campus – Crédit Agricole Headquarters



Project

Evergreen Campus –Evergreen Campus – Crédit Agricole HeadquartersA backup power solution consisting of four GCW1260M generator sets was installed to ensure reliable energy supply for the campus. The system is designed with generator coupling, enabling synchronized operation and guaranteeing continuous power during mains outages. Crédit Agricole Headquarters

Location
Montrouge (92)
Country
France

Key Features

4 x GCW1260 M

- ESP Power: 1262 kVA
- PRP Power: 1142 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 18V2000 G65
- Alternator: MECCALTE ECO43-2LN
- Enclosure: Open frame (chassis)
- Additional Features: Backup power system with generator coupling



Project

The generator is installed at the company's headquarters near La Défense in Paris. It serves as a backup power solution designed to prioritize the operation of critical safety systems, including smoke extraction, elevators, and sprinkler systems, in the event of a power outage.

Location
Bois Colombes
(92)
Country
France

Key Features

GDW460V

- ESP Power: 458 kVA
- PRP Power: 417 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO
- Alternator: MECCALTE
- Enclosure: Open frame (chassis)
- Standards Compliance: NFE 37312Additional
- Features: Dual electric start



CHS DE LA SARTHE (Sarthe Hospital Center)



Project

CHS de la Sarthe, located in Allonnes, a town of 11,000 inhabitants in western France, required a backup generator to secure its power supply. This installation ensures the continuity of electricity in the event of a grid failure, safeguarding hospital operations and patient care.

Location
Allonnes (72)
Country
France

Key Features

GCW870M

- ESP Power: 871 kVA
- PRP Power: 788 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 12V2000G65
- Alternator: Mecc Alte ECO43-1S
- Canopy version
- Coupled to the EDF grid



Project

ARAHM Clinic, located in Strasbourg, France, is an association dedicated to supporting people with disabilities. As part of its development, a GSW665M generator was installed to provide backup power for the new building extension. This solution ensures the continuous operation of critical systems, including elevators, fire protection equipment, and other essential infrastructure, in the event of a power outage.

Location
Strasbourg (67)
Country
France

Key Features

GSW665 M

- ESP Power: 661 kVA
- PRP Power: 600 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 12V1600G70F
- Alternator: Mecc Alte ECO40-1.5L
- Canopy version
- Long-range fuel tank



Project

EHPAD Reynes, a retirement home located in Grenoble in southeastern France, required a low-noise backup power solution due to its proximity to neighbouring buildings. Pramac was the only provider able to meet these stringent acoustic and technical requirements, supplying a GCW205D super-soundproof generator featuring a noise level of just 55 dB at 7 meters, along with a compact canopy design. This solution ensures reliable backup power for the entire facility while minimizing noise impact on the surrounding environment.

Location
Grenoble (38)
Country
France

Key Features

GCW205 D

- ESP Power: 220 kVA
- PRP Power: 205 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: DEUTZ BF6M1013FC G3
- Alternator: STAMFORD UCI274H
- Enclosure: Super-soundproof canopy



Project

Backup generator installed to restore power in the event of an outage. It automatically and quickly takes over to ensure the proper operation of medical equipment (ventilators, monitors, etc.) as well as essential systems such as heating and air conditioning.

Location
Duclair (76)
Country
France

Key Features

GSW275 V

- ESP Power: 275 kVA
- PRP Power: 249 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO TAD 734GE
- Alternator: MECCALTE ECO38-1L
- Enclosure: Canopy version
- Fuel Tank: Large-capacity for extended autonomy



Project

Two GCW1100M generators were installed to provide reliable backup power for Belley Hospital in the event of a main grid failure. This solution ensures continuous power supply for critical hospital operations, with seamless synchronization when the grid is restored.

Location
Belley (01)
Country
France

Key Features

2x GCW1100M

- ESP Power: 1116 kVA
- PRP Power: 1010 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 16V2000G26F
- Alternator: MECCALTE ECO 43 1M
- Enclosure: 20-foot ISO container
- Additional Feature: Seamless grid coupling upon network restoration



Project

The GCW1010M backup generator provides emergency power to Privas Hospital in the event of a main grid failure. It ensures the continuity of power supply across the entire facility, prioritizing critical safety systems and essential medical equipment.

Location
Privas (07)
Country
France

Key Features

GCW1010M

- ESP Power: 691 kVA
- PRP Power: 631 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: DOOSAN P222LE-S
- Alternator: MECCALTE ECO40-2L
- Enclosure: Soundproof canopy



Project

CERP 22 (Pharmaceutical Operating and Distribution Cooperative) aimed to secure its electrical network to ensure uninterrupted operations in the event of a power outage. To meet this requirement, a GDW330V generator was installed, providing a reliable backup power solution and safeguarding the continuity of its critical activities.

Location
Saint Brilleux (22)
Country
France

Key Features

GDW330V

- ESP Power: 330 kVA
- PRP Power: 300 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO
- Alternator: MECCALTE
- Enclosure: Canopy version
- Fuel Tank: Large-capacity, 4000 litres



Project

LADAPT, an association dedicated to the social and professional integration of people with disabilities, sought to secure its electrical network to ensure continuity of operations in the event of a power outage. This solution was essential to maintain uninterrupted activities and, above all, to guarantee the safety of both staff and beneficiaries. To meet these requirements, PRAMAC supplied a GSW370 generator with a custom color finish.

Location
Caudebec-lès-
elbeuf (76)
Country
France

Key Features

GSW370V

- ESP Power: 370 kVA
- PRP Power: 350 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO
- Alternator: MECCALTE
- Enclosure: Canopy version
- Fuel Tank: Large-capacity, 3300 litres
- Additional Feature: Custom color RAL6005



Step – Backup Generator



Project

A GCW815P backup generator was installed to ensure the reliable operation of equipment in the event of a power outage, safeguarding operational continuity and minimizing potential disruptions.

Location
Chatellaillon (17)
Country
France

Key Features

GCW815P

- ESP Power: 814 kVA
- PRP Power: 737 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: PERKINS 4006-23 TAG2A
- Alternator: MECCALTE ECO43-1SN
- Enclosure: Canopy version



Project

A GCW1120M backup generator was installed to ensure the continuous and reliable operation of equipment in the event of a power outage, safeguarding operational continuity.

Location
Aix-en-provence (13)
Country
France

Key Features

GCW1120M

- ESP Power: 1009 kVA
- PRP Power: 913 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 16V2000G25
- Alternator: MECCALTE ECO43-2S
- Enclosure: Open frame (chassis)
- Additional Feature: Coupled to EDF grid



Project

A GCW1400P backup generator was installed to ensure the reliable and continuous operation of equipment during power outages, safeguarding operational continuity and minimizing potential disruptions.

Location
Lanrivain (22)
Country
France

Key Features

GCW1400 P

- ESP Power: 1400 kVA
- PRP Power: 1266 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: PERKINS 4012-46 TWG2A
- Alternator: MECCALTE ECO43-2L
- Enclosure: Container version
- Additional Feature: EJP operation



Project

Stereau, a subsidiary of the Saur Group and a long-standing partner of PRAMAC, brings over 50 years of expertise in environmental engineering, delivering turnkey solutions for drinking water treatment, wastewater treatment, and sludge management. For this project, Stereau once again placed its trust in PRAMAC's product quality and competitive solutions. Two generators, a GCW1000M and a GCW220D, were installed to provide reliable backup power for a drinking water treatment plant in Brittany, western France. Both units are enclosed in canopies, coupled to the EDF grid, and operate in load-sharing configuration to ensure optimal performance and operational continuity.

Location
Pleurtuit (35)
Country
France

Key Features

GCW1000M

- ESP Power: 1009 kVA
- PRP Power: 913 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 16V2000G25
- Alternator: MECCALTE ECO43-2S
- Enclosure: Canopy version
- Additional Feature: Coupled to EDF grid

GCW220D

- ESP Power: 220 kVA
- PRP Power: 204 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: DEUTZ BF6M1013FC
- Alternator: MECCALTE ECO38-2S
- Enclosure: Canopy version
- Additional Feature: Coupled to EDF grid



Project

A GCW1025 M, backup generator, installed to ensure the proper operation of equipment in the event of a power outage.

Location
Eragny Sur
Epte (60)
Country
France

Key Features

GCW1025 M

- ESP Power: 1120 kVA
- PRP Power: 1013 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 16V2000G65
- Alternator: MECCALTE ECO43-1LN
- Enclosure: Canopy version



Aghione Samuletto Wine Cooperative



Project

A GSW700 DO, backup generator, installed to ensure the proper operation of equipment in the event of a power outage.

Location
Aleria (20)
Country
France

Key Features

GSW700 DO

- ESP Power: 691 kVA
- PRP Power: 631 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: DOOSAN P222LE-S
- Alternator: MECCALTE ECO40-2L
- Enclosure: Canopy version



Camping Arinella Bianca



Project

A GSW415 V, backup generator, installed to ensure the proper operation of equipment in the event of a power outage.

Location
Solenzara (20)
Country
France

Key Features

GSW415 V

- ESP Power: 416 kVA
- PRP Power: 380 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO TAD 1343GE
- Alternator: MECCALTE ECO40-1S
- Enclosure: Canopy version



Project

VINCI Autoroutes required the transportation of a 330 kVA generator using an Ampliroll flatbed system, enabling easy loading and unloading across multiple highway sites. Following several technical adaptations, PRAMAC, in collaboration with one of its partners, successfully delivered a solution fully tailored to these operational requirements.

Location

Loire (42)

Country

France

Key Features

GSW330 V

- ESP Power: 330 Kva
- PRP Power: 315 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: VOLVO TAD 1342 GE
- Alternator: MECCALTE ECO38-2L
- Enclosure: Canopy version



Backup Generator For The Perpignan City Hall



Project

This is a GGW70G, backup generator, for the Perpignan City Hall, providing emergency power to the site's safety systems (smoke extraction, etc.).

Location
Perpignan (66)
Country
France

Key Features

GGW70G

- ESP Power: 70 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: Generac
- Alternator: Meccalte
- Enclosure: Canopy version



Power Solutions For A Logistics Company



Project

Pramac provided a backup generator for a logistics company in France. The generator was installed to ensure that all equipment remains operational during power outages, allowing business activities to continue without disruption.

Location
Pont-d'Ain
Country
France

Key Features

GSW875P

- ESP Power: 899 kVA
- PRP Power: 802 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: PERKINS 4006-23 TAG3A
- Alternator: MECCALTE ECO43 1S
- Canopied Version
- Integrated Fuel Tank: 5000L



Power Solutions For Security Field Activities In France



Project

A world-leading designer and manufacturer in the security and defense sectors chose Pramac to support its field operations. One of its latest scanner trucks is equipped with the GSL42D generator, providing all the power needed to ensure smooth operation of its equipment.

Location
Vitry-Sur-Seine
Country
France

Key Features

GSL42D

- Power LTP 45 kVA
- Power PRP 42 kVA
- Frequency 50 Hz
- Voltage 400 V
- Engine DEUTZ BF4M 2011
- Alternator MECC ALTE ECO32 3S
- Soundproof Canopy



Power Solutions For Electrification Of Remote Areas In Gabon



Project

Gabon is experiencing rapid population growth and accelerated urbanization. To fulfill its public service mission of producing, transmitting, and distributing drinking water and electricity, the Société d'Énergie et d'Eau du Gabon selected PRAMAC as a trusted partner, leveraging its expertise and strong market reputation. PRAMAC is supplying nine power stations, comprising 27 generator units ranging from GSW110V to GSW460V, along with nine control cubicles. These installations have been deployed across the country, from north to south and west to east, in locations including Ndindi, Ebel Abanga, Bifoun, Ovan, Mimongo, Minvoul, Moabi, Mekambo, and Mandji. The objective of these power stations is to support the electrification of remote and landlocked regions of the Gabonese territory, ensuring reliable access to essential services.

Location
Gabon
Country
Gabon

Key Features

GSW110V to GSW460V

- Power PRP: 9 Power plants with total Power PRP of 7MVA
- Frequency 50Hz
- Voltage 400/230V
- Engine VOLVO
- Alternator MECC ALTE



Power Solutions For The Hospitality Sector In Georgia



Project

PRAMAC provided the power supply for a Luxury Collection Hotel in Georgia. The project required the design and production of customized generator sets to meet the stringent standards of the hospitality sector. Four PRAMAC GSW830DO gensets equipped with synchronizable MPP controllers and the complete electrical setup were installed to supply the entire facility. The solution included extra-silent generators with low noise emissions and compact dimensions, synchronized to deliver a total load of 3 MVA installed on the hotel rooftop. As this was a premium hospitality project located in the city centre, space and noise constraints posed major challenges. Moreover, installation and commissioning required special permits due to the sensitive urban environment. The synchronized generators were specially engineered with ultra-silent canopies and a minimal footprint, ensuring seamless integration within the limited rooftop area while maintaining the hotel's aesthetic and operational standards.

Location
Tbilisi
Country
Georgia

Key Features

GSW830DO

- Extra silent Canopy
- Synchronizable MPP controllers and entire electrical setup
- Small footprint
- Power ESP 830 kVA
- Frequency 50 Hz
- Engine Doosan



Pramac Gas Generator For A Hospital In Guadeloupe



Project

In Guadeloupe, the Basse-Terre Hospital underwent reconstruction following a fire that had severely damaged the facility. As part of the 2018 renovation program, the hospital upgraded its power infrastructure to ensure a reliable and continuous electricity supply. To meet these requirements, the hospital selected Pramac and installed two GCW2025P generators. These units are capable of restoring power within just 10 seconds in the event of an outage, compared to 40 seconds with the previous equipment, and provide up to four days of autonomy. This project is of critical importance for both the hospital and the local community, ensuring operational continuity, patient safety, and a resilient energy supply.

Location
Basse-Terre
Country
Guadeloupe

Key Features

GCW2025 P

- ESP Power 1893 kVA
- PRP Power 2045 kVA
- Frequency 50 Hz
- Voltage 400 V
- Engine PERKINS 4016-61 TRG1
- Alternator MECCALTE ECO46-1L
- The two generators are coupled to form the emergency unit that supplies the entire Basse Terre hospital in the event of a primary power network failure.



Power solutions for the Aluminium Industry in Indonesia



Project

The project is located in the southeastern part of Bintan Island, in Riau Province, Indonesia. PRAMAC supported a major aluminium industry operator by supplying four generator sets operating at 50 Hz. This installation ensures a reliable and continuous power supply, supporting industrial operations in a demanding environment.

Location
Bintan Island
Country
Indonesia

Key Features

GSW2520P

- 2 units main power 1800KW

GSW1130P

- 2 units main power 800KW



The role of Gas power stations in the Italian energy market



Project

The objective of the project was to deliver a fully reliable and sustainable emergency power system capable of maintaining critical services in the event of a power outage.

The building required a gas-powered solution able to ensure the continuous operation of essential systems:

- security systems
- Lifts
- emergency lighting
- conference and event rooms
- kitchens and 24-hour facilities
- air conditioning and IT infrastructure.

The focus was on implementing a solution that combines rapid start-up, low emissions, quiet operation, elimination of on-site fuel storage, and seamless integration with the city's gas network.

Location
Milan
Country
Italy

Key Features

GGW200G

- Rapid, automatic start-up in the event of a mains power failure
- Quiet, low-emission operation, ideal for urban and hospitality environments
- Direct supply from the gas mains, with no need for tanks or fuel management
- Maximum reliability for all critical areas: meeting rooms, events, kitchens, technical areas, servers and air conditioning.



Power Solutions For The Hospital Of Careggi In Florence



Project

The request originated from a major Italian client responsible for facility management at Careggi Hospital in Florence. Following the expansion of part of the building, it became necessary to reinforce the emergency power infrastructure with additional generator capacity. PRAMAC supplied soundproofed generator sets equipped with parallel and modular control panels, motorized switches, and a dedicated mains interface panel. These solutions ensure reliable, efficient, and fully optimized emergency power management across the hospital's expanded facilities.

Location
Florence
Country
Italy

Key Features

GSW2520P

- Power LTP - 2380kVA / 1904kWe
- Power PRP - 2268kVA / 1815kWe
- Frequency - 50 Hz
- Tension - 400 V
- Engine Perkins - 4016-61TRG3 emissioned
- Alternator - Meccalte ECO46-2L
- Soundproof enclosure noise level - 77 +/-3 dB(A) @ 7 m
- Parallel panel



Emergency for a prefecture



Project

The Prefecture requires a reliable emergency power system to ensure operational continuity and safety in the event of a power outage. The existing generator, installed approximately 40 years ago, is now limited by technological obsolescence and reduced reliability. For this reason, it will be replaced with a new, state-of-the-art unit.

Location
Verbania
(VCO)
Country
Italy

Challenge: The existing generator no longer meets current standards of reliability and efficiency. Furthermore, removing the existing unit and installing the new one in the utility room presents challenges due to limited space and limited access.

Solutions: Installation of a new, high-performance emergency generator, including dedicated disassembly, handling, and integration into the existing utility room.

Results: Increased reliability of the emergency power supply, operational continuity, and compliance with the current standards of the Prefecture
Installation of a GDW355B

Key Features

GDW355B

ESP Power: 356,5 kVa

50 Hz Frequency

400 V Voltage

Baudouin Engine

MECCALTE Alternator

Open version



Emergency power solution for 4 star hotels



Project

A major hotel in Rome underwent a significant redevelopment and renovation project aimed at raising the quality standards of the facility and enhancing its hospitality and event services.

The property, featuring over 300 rooms, extensive green spaces, a swimming pool, and a large conference center with numerous meeting rooms dedicated to the business and MICE sectors, required a reliable energy solution capable of ensuring operational continuity even in the event of a power outage.

To ensure the full availability of essential services and conference activities, the client required a highly autonomous generator, custom-designed for the application.

Location
Roma (RM)
Country
Italy

Challenge: The main challenge was to provide a highly reliable and long-lasting emergency backup solution, while maintaining compact dimensions for installation in a dedicated technical room and ensuring soundproofing levels compliant with the hotel's requirements.

Solutions Installation of a customized GSW705DO generator set with extended autonomy configuration

Results: Installation G

Key Features

GSW705DO

ESP Power: 707,75 kVa

50 Hz Frequency

400 V Voltage

Doosan Engine

Mecc Alte Alternator

Canopy version

2300 litre integrated tank



Power Solutions For A Retail Store In Luxembourg



Project

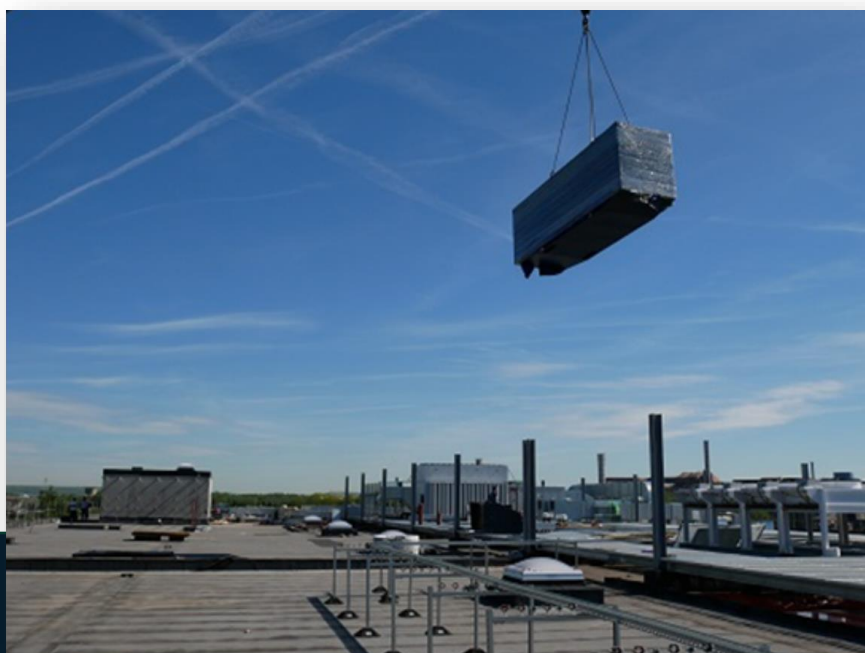
More than 10 generators have already been installed at various locations within the same retail store. For this project, a GSW275V generator was installed for the same company, positioned on the store roof at the customer's request.

Location
Differdange
Country
Luxembourg

Key Features

GSW275V

- ESP Power: 1009 kVA
- PRP Power: 913 kVA
- Frequency: 50 Hz
- Voltage: 400 V
- Engine: MTU 16V2000G25
- Alternator: MECCALTE ECO 43 2S
- Enclosed Version



Wastewater Treatment Plant



Project

Installation of a Pramac GSW710DO generator set (710 kVA) to provide reliable backup power for the largest wastewater treatment plant in Madeira Island, located in Funchal. The project belongs to the wastewater sector, where uninterrupted power is essential to ensure continuous treatment processes and environmental compliance. The generator operates at 50 Hz and 400 V, and is equipped with a Doosan engine and a Mecc Alte alternator, delivering robustness and efficiency under demanding operating conditions. The unit features a soundproof configuration, ensuring reduced noise levels while maintaining operational performance. This project highlights Pramac's capability to support critical environmental infrastructure, ensuring reliability and continuity in essential public services.

Location

Funchal

Country

Madeira

Key Features

GSW710DO

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine DOOSAN
- Alternator Mecc Alte



Project

Supply of a 400 kVA emergency power unit to ensure high-quality service, visitor comfort through air conditioning), and equipment safety.

Location
Marrakesh
Country
Morocco

Challenge: Integrate the unit seamlessly into the environment while preserving the site's aesthetic identity, in line with the architectural character of Marrakech.

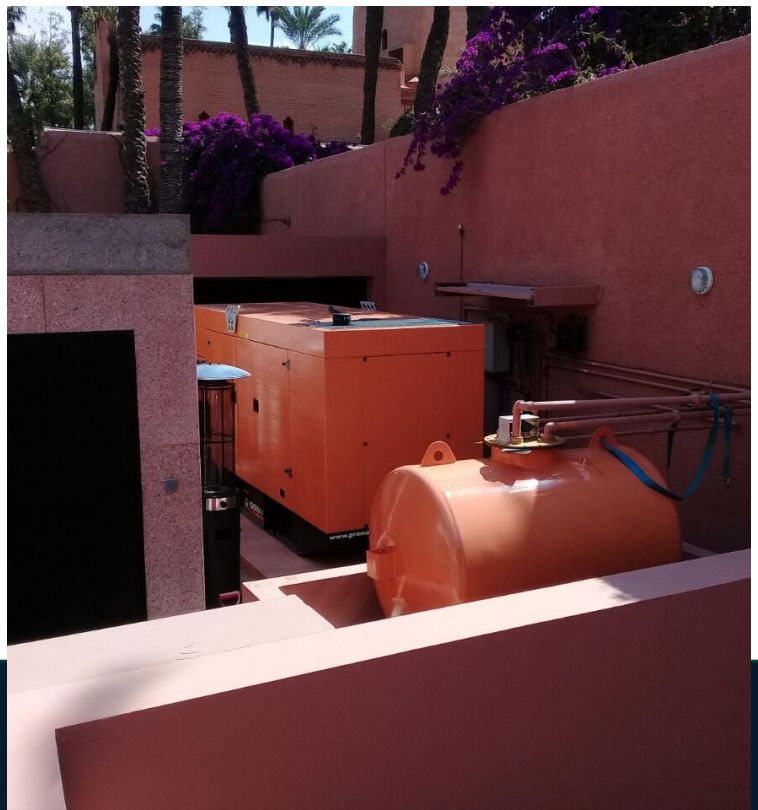
Solution: Generator painted in a special Marrakech red color to perfectly integrate with the surroundings.

Result: PRAMAC demonstrated its ability to adapt to the customer's specific requirements.

Key Features

GSW415V

- ESP Power 657 kVa
- PRP Power 597 kVa
- Frequency 50 Hz
- Voltage 400 V
- Volvo Engine
- Meccalte Alternator
- Hooded version



Power Plant Backup



Project

PRAMAC has been selected to supply a 2,588 kVA emergency generator installed in a 40' container at a power plant in Mohammedia, Morocco. The containerized solution delivers a noise level of 75 dB(A) at 7 meters. The containerized solution is also equipped with dedicated lifting points to ensure safe handling and efficient transportation.

Location
Mohammedia
Country
Morocco

Key Features

GCW2600

- Power LTP 2700 kVA
- Power PRP 2588 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine MTU 20V4000G23
- Alternator MECCALTE ECO46 2L
- Container 40' noise level 75 +/-3 dB(A) @ 7 m
- Electrical radiator in a separated room of the container
- Automatic fire extinguisher system with CO2 gas installed on the container
- Spark arrestor silencer
- Heavy duty air filters
- Synchronizing panel for black start



Power supply for a harbour in Mozambique



Project

Two of the biggest global companies in Spain and Portugal, present in more than 20 countries on five continents, developed and managed a big infrastructure located in Nacala harbor, Mozambique. Pramac designed and developed the project with the customer from the beginning and took part into the decision for proposing the proper gensets open set version for the correct running of the plant. After more than one year of project development, Pramac installed 3 generator sets, one of 500 kVA , another one of 815 kVA in low voltage and last one of 2500 kVA in medium voltage as committed.

Location
Nacala
Country
Mozambique

Key Features

1 X GSW550P

- Open set version
- Power LTP 550 kVA
- Power PRP 513 kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Perkins 2506D-E15TAG2
- Alternator Leroy Somer LSAP 47C
- Automatic Control Panel ACP
- GCB2. Circuit breaker 4 poles
- PHS. Preheating system
- AFP. Automatic fuel transfer pump
- Fully bundled baseframe with leakage detector sensor
- Industrial silencer with flexible exhaust compensator.
- FCV. Fuel cut off valve
- Ethernet communication module

1 X GSW815P

- Open set version
- Power LTP 815 kVA
- Power PRP 747 kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Perkins 4006-23TAG2A
- Alternator Leroy Somer LSA 49.1 M75
- Automatic Control Panel ACP
- GCB2. Circuit breaker 4 poles
- PHS. Preheating system
- AFP. Automatic fuel transfer pump.
- Fully bundled baseframe with leakage detector sensor.
- Industrial silencer with flexible exhaust compensator.
- FCV. Fuel cut off valve.
- Ethernet communication module

1 X GSW2520P

- Open set version
- Power LTP 2520 kVA
- Power PRP 2250 kVA
- Frequency 50 Hz
- Voltage 6600V
- Engine Perkins 4016-61 TRG3
- Alternator Leroy Somer LSA 53.2 VL10
- Automatic Control Panel ACP
- GCB2. Circuit breaker 4 poles
- PHS. Preheating system
- AFP. Automatic fuel transfer pump.
- Fully bundled baseframe with leakage detector sensor.
- Industrial silencer with flexible exhaust compensator.
- FCV. Fuel cut off valve.
- Ethernet communication module



Power Solutions For The Largest Electric Company In Philippines



Project

Manila Electric Company (Meralco), the largest power distributor in the Philippines, serves more than 6 million customers across a 9,685 km² service area. For over 115 years, the company has been committed to delivering innovative, world-class energy solutions. To ensure rapid power restoration following natural disasters, Meralco awarded a contract in 2016 for mobile generator sets to FMIDC, which supplied PRAMAC units for critical sites, such as the Lopez Building and Meralco Powerhouse.

Location
Ortigas Ave,
Quezon City
Country
Philippines

Key Features

GCW1290P

- Power LTP 1392 kVA
- Power PRP 1262 kVA
- Frequency 60 Hz
- Tension 480 V
- Engine MTU 16V2000G85
- Alternator MECCALTE ECO43 1L
- Container 20' with silencers inside
- Automatic control panel
- Incorporated fuel tank of 1000 litres

GCW560V

- Power LTP 706 kVA
- Power PRP 630 kVA
- Frequency 60 Hz
- Tension 240 V
- Engine VOLVO TAD1641GE
- Alternator MECCALTE ECO40 3S
- Container 20' with silencers inside
- Incorporated fuel tank of 636 litres



Energy Recovery Plant



Project

Supply and installation of a Pramac GSW1165B generator set (1,165 kVA) to provide reliable backup power for an energy recovery plant located on São Miguel Island in the Azores. The project is part of the recycling sector, where continuous power availability is essential to ensure uninterrupted waste treatment operations. The facility is designed to process up to 60,000 tons of waste per year, generating a thermal power output of 20 MWt per hour, which underlines the critical need for a dependable energy solution. The generator operates at 50 Hz and 400 V, and is equipped with a Baudouin engine and a Mecc Alte alternator, ensuring efficiency and high performance. The unit is delivered in a soundproof configuration and features a special paint treatment along with a WTP alternator, specifically engineered to withstand the demanding environmental conditions of an island installation. This project highlights Pramac's expertise in providing customized and resilient power solutions for sustainable infrastructure, supporting efficient waste-to-energy processes and environmental management.

Location
SÃO MIGUEL
ISLAND
Country
Portugal

Key Features

GSW1165B

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Baudouin
- Alternator Mecc Alte
- SPECIAL PAINT PROCESS AND WTP ALTERNATOR



Power for an insurance company headquarters in Lisbon



Project

Supply and installation of two Pramac generator sets (GSW900B and GDW660V) to ensure reliable backup power for an important insurance company headquarters in Lisbon, within the office and commercial sector, where business continuity is key. The installation combines 900 kVA and 660 kVA units, operating at 50 Hz and 400 V, equipped with Baudouin and Volvo engines and Mecc Alte alternators, providing a flexible and efficient power solution. Both generators are delivered in a soundproof configuration, ensuring minimal disruption to the working environment while guaranteeing uninterrupted operations. This project demonstrates Pramac's ability to provide tailored solutions for corporate facilities, ensuring operational reliability and protection against power outages.

Location
Lisboa
Country
Portugal

Key Features

GSW900B, GDW660V

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Baudouin Volvo
- Alternator Mecc Alte



Agro-Industrial Facility, Évora



Project

Installation of a fleet of Pramac generator sets including GDW660V, GDW460V, GDW725V and 2 x GDW370V, delivering a total installed power of 2,585 kVA, to support a major company in the agro-industrial sector, part of one of the largest distribution groups in Portugal. All units operate at 50 Hz and 400 V, and are equipped with Volvo engines and Mecc Alte alternators, ensuring high performance and reliability for demanding production environments. The generators feature soundproof enclosures, enabling efficient operation while minimizing noise impact. This project highlights Pramac's capability to deliver scalable and high-capacity energy solutions for the food and agricultural industry, ensuring continuity of critical processes across large-scale production facilities.

Location
Evora
Country
Portugal

Key Features

GDW660V+ GDW460V + GDW725V + 2X GDW370V

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine volvo
- Alternator Mecc Alte



Berry Production Facility



Project

Installation of a Pramac GSW630DO generator set (630 kVA) to supply reliable backup power for one of the largest berry producers in the world, operating in the food industry sector, where continuous production is essential. The unit operates at 50 Hz and 400 V, equipped with a Doosan engine and a Mecc Alte alternator, ensuring reliability and efficiency. Delivered in a soundproof configuration, the generator guarantees minimal noise impact while supporting critical agricultural processes. This project highlights Pramac's capability to support intensive agricultural operations with reliable and efficient energy solutions.

Location
Odemira
Country
Portugal

Key Features

GSW630DO

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine DOOSAN
- Alternator Mecc Alte



Automotive Supplier Facility



Project

Supply and installation of a Pramac GDW510B generator set (510 kVA) to provide backup power for one of the major automotive suppliers in Portugal, within the industrial and office sector. The generator operates at 50 Hz and 400 V, featuring a Baudouin engine and Mecc Alte alternator, and is delivered in a soundproof configuration. The system includes remote control and supervision, ensuring efficient monitoring and operational control. This project demonstrates Pramac's ability to provide reliable energy solutions for industrial and corporate environments where operational continuity is critical.

Location

Benedita

Country

Portugal

Key Features

GSW510B

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Baudouin
- Alternator Mecc Alte
- Remote control and supervision



Food Distribution Center



Project

Installation of a Pramac GDW725V generator set (725 kVA) for a major food distribution company, ensuring continuity in logistics and supply chain operations within the food industry sector. The unit operates at 50 Hz and 400 V, equipped with a Volvo engine and Mecc Alte alternator, and includes a 24-hour fuel tank for enhanced autonomy. The soundproof configuration ensures efficient operation with reduced noise. This project underlines Pramac's capability to support key logistics and distribution infrastructures with reliable backup power.

Location
Alcochete
Country
Portugal

Key Features

GDW725V

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine volvo
- Alternator Mecc Alte
- 24H FUEL TANK



Food Distribution Facility



Project

Supply of a Pramac GDW1165B generator set (1,165 kVA) for a major food distribution group, supporting operations in the food distribution sector, where reliability and uptime are essential. Operating at 50 Hz and 400 V, the unit features a Baudouin engine and Mecc Alte alternator, combined with a 24-hour fuel tank for extended operation. The soundproof enclosure ensures optimized performance with controlled noise levels. This project highlights Pramac's ability to deliver scalable solutions for large distribution networks.

Location
Maia
Country
Portugal

Key Features

GDW1165B

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine volvo
- Alternator Mecc Alte
- 24H FUEL TANK



Back up power for a hospital



Project

Installation of a Pramac GDW510B generator set (510 kVA) to supply reliable emergency power for the Hospital of Elvas, within the healthcare sector, where uninterrupted electricity supply is critical. The generator operates at 50 Hz and 400 V, featuring a Baudouin engine and Mecc Alte alternator, and includes remote monitoring and control capabilities. The soundproof configuration ensures minimal disruption to the hospital environment. This project reinforces Pramac's expertise in delivering dependable solutions for critical healthcare infrastructure.

Location
Elvas
Country
Portugal

Key Features

GSW510B

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Baudouin
- Alternator Mecc Alte
- Remote control and supervision



Project

Installation of a multi-unit Pramac solution (GDW420V, GDW280V, GDW220I, GDW110I) delivering a total installed power of 1,030 kVA for a mining equipment manufacturing facility. The generators operate at 50 Hz and 400 V, equipped with Volvo and FPT engines and Mecc Alte alternators, ensuring high efficiency and operational reliability. All units are delivered in a soundproof configuration, supporting industrial production needs. This project showcases Pramac's flexibility in delivering multi-generator configurations tailored to industrial applications.

Location
Alcanede
Country
Portugal

Key Features

GDW660V

- Soundproof version
- Power LTP kVA
- Power PRP kVA
- Frequency 50 Hz
- Voltage 400V
- Engine VOLVO FPT
- Alternator Mecc Alte



Power Solutions For A Cement Manufacturing Plant In Portugal



Project

A company based in Atalaia required a generator capable of handling the high startup loads of its cement manufacturing plant. PRAMAC conducted detailed sizing calculations to ensure the selected genset fully met the operational requirements. Following successful on-site commissioning tests, the generator is now operating smoothly, delivering reliable performance and supporting uninterrupted production.

Location
Atalaia
Country
Portugal

Key Features

GSW275V

- Soundproof version
- Power LTP 275 kVA
- Power PRP 250 kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Volvo TAD734GE
- Alternator Mecc Alte ECO38-1L
- Automatic Control Panel ACP
- GCB2. Circuit breaker 4 poles
- PHS. Preheating system



Power Solutions For A Warehouse In Portugal



Project

A company specializing in freezing preservation required a reliable standby power solution to mitigate the critical risk of product spoilage during power outages. Located in Lisbon, the facility comprises 10,000 m³ of refrigerated storage, divided into 17 independent chambers, each designed to meet specific temperature requirements. PRAMAC supplied a 705 kVA standby generator, powered by an external fuel tank to ensure extended autonomy. This solution guarantees a continuous and dependable power supply in the event of a mains failure, safeguarding both operations and the integrity of stored products.

Location
Atalaia
Country
Portugal

Key Features

GSW705DO

- Soundproof version
- Power LTP 707 kVA
- Power PRP 641 kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Doosan DP480LB
- Alternator Mecc Alte ECO40-2L
- Automatic Control Panel ACP
- GCB2. Circuit breaker 4 poles
- PHS. Preheating system



Power Solutions For Losai International Circuit In Qatar



Project

PRAMAC was called upon to supply power on site for the floodlight system of MotoGP night races. A total of 44 PRAMAC generators were installed, providing a combined capacity of approximately 11 MW to ensure flawless lighting throughout the event. Each unit, rated at 315 kVA and equipped with sand trap air filters, guaranteed optimal performance and reliability under challenging environmental conditions. This project highlights PRAMAC's expertise in delivering dependable power solutions for high-profile international sporting events.

Location
Doha
Country
Qatar

Key Features

GSW330V

- Power LTP 330 kVA
- Power PRP 315 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine VOLVO TAD941GE
- Alternator MECC ALTE ECO38 2L
- Soundproof enclosure noise level 68 dB(A) @ 7 m
- Sand trap air filter on enclosure
- Automatic panel
- Manual battery switch
- Remote control by GSM



Power Solutions For A River Bridge Rehabilitation In Senegal



Project

One of Africa's leading construction companies selected Pramac to contribute to a major infrastructure project: the rehabilitation of the Senegal River Bridge in Saint-Louis. Pramac supplied 100 kVA prime power soundproofed generators, installed on floating barges to provide electricity for the water pumps required during the construction works. This project holds significant historical and cultural importance, as the bridge is a landmark of Saint-Louis and part of the UNESCO World Heritage program.

Location
Saint Louis
Country
Senegal

Key Features

GSW110P

- Power LTP 114 kVA
- Power PRP 104 kVA
- Frequency 50Hz
- Voltage 400 V
- Engine PERKINS 1104C-44TAG2
- Alternator MECCALTE ECP34-2S/4
- Soundproof canopy noise level 67 dBA@7 meters



Power Solutions For A Concrete Plant In Senegal



Project

Pramac, in collaboration with a local partner, completed the sale and installation of a GDW330V generator at a concrete plant in Dakar. The client required a reliable backup power supply to maintain operations during electricity outages, preventing damage or financial loss and ensuring they could continue fulfilling commitments to their customers.

Location
Dakar
Country
Senegal

Key Features

GDW330V

- Engine Volvo
- Voltage 400V
- Frequency 50 Hz
- Alternator Mecc Alte
- Power: 300-330 kVA



Project

A major industrial group specializing in large-scale infrastructure projects selected PRAMAC to contribute to the construction of the Grand Ethiopian Renaissance Dam, Africa's largest hydropower project, designed to generate up to 15,000 GWh per year upon completion. The client, responsible for the overall construction, required a reliable and cost-efficient continuous power supply to support operations on this remote and extensive site. To meet this need, PRAMAC supplied 16 diesel generators, operating up to 18 hours per day during the construction phase and delivering more than 40 MW of power across a site extending several kilometers. Each generator provides approximately 2,600 kVA, ensuring a stable power supply for construction machinery and essential electrical equipment throughout the project.

Location
Saint Louis
Country
Senegal

Key Features

GCW2600

- Power LTP 2570 kVA
- Power PRP 2310 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine MTU 16V4000G63
- Open version
- Parallel panel



Project

PRAMAC has been selected by one of the largest telecom operators in Africa to provide power for all its telecom base stations with 20 kVA soundproof generators. In the event of a grid failure, the gensets ensure uninterrupted power supply for up to 7 days without the need for diesel refueling (thanks to the integrated 7-day fuel tank) or oil replenishment (thanks to the automatic oil filling system). Each generator is equipped with a dummy load to stabilize the power output and extend the engine's lifespan. Additionally, all units are remotely monitored via GSM, allowing for efficient performance tracking and maintenance.

Country
Senegal

Key Features

GSW 22 P

- Power LTP 21.5 kVA
- Power PRP 20.1 kVA
- Frequency 50Hz
- Voltage 400 V
- Engine PERKINS 404D-22G
- Alternator MECCALTE ECP28-M/4
- Soundproof canopy noise level 61 dBA@7 metres
- Automatic oil refilling system
- 7 days fuel tank
- 5 kW dummy load



Power Solutions For The Singapore Formula 1 Circuit



Project

PRAMAC contributed to the first night-time Formula 1 race at the Singapore City Circuit by delivering a comprehensive power solution for the floodlighting system. A total of 25 generators were strategically positioned along the track to ensure consistent and high-quality illumination. In a complete blackout scenario, every two generators shared a common load, operating in parallel mode. The installation, fully independent from the main grid, delivered a total capacity of 405 kW, equivalent to the power required to supply approximately 140 apartments.

Location
Singapore
Country
Singapore (SG)

Key Features

GSW560V

- Power LTP 546 kVA
- Power PRP 505 kVA
- Engine VOLVO TAD1641GE
- Alternator MECC ALTE ECO40 3S
- Soundproof enclosure noise level 75 dB(A) @ 7 m
- Frequency 50 Hz
- Tension 400 V
- Parallel panel



Project

Bouygues Construction, a global leader in the construction sector, selected PRAMAC to participate in the ambitious Gautrain Rapid Rail project. PRAMAC supplied several GSW1260M gensets, installed to provide backup power for the railway in the Gauteng province, South Africa. The generators are open-type versions and equipped with a parallel control panel for synchronized operation.

Country
South Africa

Key Features

GSW1260M

- Power LTP 1260 kVA
- Power PRP 1140 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine MTU 18V2000G65
- Alternator MECCALTE ECO43-2LN
- Open Version
- Parallel panel



Power Solutions For An Industrial Laundry Company In Spain



Project

A company sought an alternative electricity supply solution to reduce its contracted power and lower electricity costs. To leverage natural gas from its production process, the company selected a Pramac GGW400G generator, equipped with a 21.9-liter Generac rich fuel mixture engine, optimized for emergency and peak shaving applications, even under low gas pressure. Compared to traditional diesel engines, natural gas provides extended autonomy and reduced emissions. The generator also includes a 3-way catalyst to minimize CO and NOx emissions, a 50-liter oil tank supporting extended maintenance intervals, and a preheating resistor to ensure reliable start-up in low-temperature environments.

Location
Seville
Country
Spain

Key Features

GGW400G

- Canopy version
- Power ESP 400 kVA
- Power PRP 360 kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Generac 1.9L
- Alternator Mecc Alte ECO40-1S
- Modular parallel panel MPP
- GMB2. Circuit breaker 4 poles motorized
- PHS. Preheating system
- ALS. Automatic lube system with tank of 50 litres.
- 3 way catalytic muffler



Emergency Power For A Beach Hotel In Ibiza



Project

Pramac was tasked with delivering a customized emergency generator solution for a beach hotel in Ibiza, ensuring uninterrupted power supply during mains failures. Situated just 150 meters from the beach in the heart of San Antonio de Portmany, the hotel overlooks a stunning bay. The complex comprises 366 rooms, some with sea views, each featuring a full bathroom, air conditioning, satellite TV, and a balcony. Pramac successfully manufactured and delivered the generator set ahead of schedule, enabling the hotel to open on time as planned.

Location
San Antoni
de Portmany,
Ibiza
Country
Spain

Key Features

GSW1165B

- Soundproof version
- Power LTP 1130 kVA
- Power PRP 1030 kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Baudouin 12M26G1100/5
- Alternator Mecc Alte ECO43-2M/4 A
- Automatic Control Panel ACP
- GCB2. Circuit breaker 4 poles
- AFP. Automatic fuel transfer pump
- PHS. Preheating systemn
- FBD. Fully bunded baseframe
- LDS. Leak detector sensor
- LTS 1600 A. Load Transfer Switch of 1600 A



Power Solutions For Harbour Extension Works In Spain



Project

The company in charge of the harbour extension works in Gijón requested Pramac to supply a 1 MW power plant, composed of 10 gensets of 1,000 kVA each running in parallel. These generators provided a reliable and continuous power supply to support all construction and industrial equipment involved in the project, ensuring smooth and uninterrupted operations throughout the works.

Location
Gijón
Country
Spain

Key Features

GCW1030-50S

- Soundproof enclosure noise level 70 +/-3 dB(A) @ 7 m
- Engine CUMMINS QST30 G4
- Alternator STAMFORD HCI6J
- Anti-condensation heaters
- Incorporated fuel tank of 1000 litres
- Automatic fuel transfer pump
- Engine water pre-heating system
- Power LTP 1110 kVA
- Power PRP 1021 kVA
- Frequency 50 Hz
- Parallel panel
- Tension 400 V



Power Solutions For Food Industry In Spain



Project

Emergency Power Supply for Jabugo Production Facility – Spain. Pramac designed and supplied an emergency generator set for the Jabugo facility, a major investment of €73.5 million. The site spans over 58,000 m² and is equipped with cutting-edge technology to produce 2.5 million processed hams and shoulder joints and 300,000 kg of Iberian pork products annually. Given the scale and production capacity of the facility, the client relied on PRAMAC's engineering expertise to ensure a reliable and robust emergency power solution. A GSW1160B generator was installed to provide standby power in the event of a grid failure, safeguarding continuous operations. PRAMAC exceeded expectations in both technical performance and delivery time, successfully completing the project to the full satisfaction of the customer.

Location
Huelva
Country
Spain

Key Features

GCW1160B

- Power LTP 1120 kVA
- Power PRP 1053 kVA
- Frequency 60 Hz
- Tension 400 V
- Engine Baudouin 12M26G1100/5
- Alternator MECCALTE ECO43-1M
- GCB2. Circuit breaker 4 poles
- RS485 communication module
- Incorporated fuel tank of 1000 litres
- PHS. Preheating system



Power Solutions For An Asphalt Manufacturing Company In Spain



Project

A key client in hot asphalt agglomerate production, operating two plants in the Balearic Islands with an annual output of approximately 95,000 tons, required an upgrade of its power supply systems. The existing installation, based on a PRAMAC GPW720 diesel generator with an MTU engine, had to be replaced in order to comply with new local regulations classifying the activity as “potentially polluting the atmosphere” (APCA), in line with European Directive 2015/2193. Following a detailed evaluation of power configuration options, the client selected two GGW400G generator sets. These units feature soundproof enclosures for reduced noise levels, modular parallel panels for operational flexibility, catalytic converters to meet emissions requirements, additional oil tanks for extended autonomy, and motorized four-pole circuit breakers for enhanced safety. This solution ensures a reliable and environmentally compliant power supply while maintaining full operational continuity across both production plants.

Location
Balearic Islands
Country
Spain

Key Features

GGW400G

- Canopy version
- MPP Modular parallel panel
- CAT. 3-way catalytic muffler
- ALS. Automatic lube system with tank of 50 litres
- 4 poles motorized circuit breaker
- POWER: 400-720 kW



Power Solutions For Environmental Emergencies In Spain



Project

PRAMAC supplied the Madrid Fire Station with a GSW67P generator mounted on a specialized truck platform, designed to support all station operations, particularly in emergency situations such as floods. Specifically engineered for this application, the unit features detachable doors without butt hinges, an alternator equipped with an AREP excitation system, and a dedicated IP67 socket motor protection kit.

Location

Madrid

Country

Spain

Key Features

GSW67P

- Alternator with AREP field excitation system
- Special socket kit IP67
- Detachable doors
- Power LTP 66,6 kVA
- Power PRP 61,0 kVA
- Frequency 50Hz
- Voltage 380V
- Engine Perkins
- Alternator Leroy Somer
- Any possible extra features: Alternator with AREP field excitation systems, sockets kit IP67, detachable doors



Power Solution For An Island Power Plant In Spain



Project

PRAMAC was selected by ENDESA to supply an 8 MW power plant in Formentera to support increased energy demand during the summer season. The installation operates 16 hours a day, 7 days a week, ensuring a reliable and continuous power supply. The project consists of seven 1,720 kVA generator sets operating in parallel and connected to the national electricity grid, guaranteeing optimal performance, flexibility, and system stability.

Location
Formentera
Country
Spain

Key Features

- 7 units generating sets of prime power each 1.720 kVA
- Simple transportation and installation
- High soundproof level in a 40' feet container each
- Low pollution level
- Simple synchronization operation
- Low fuel consumptions



Emergency Power For A Nuclear Power Plant In Spain



Project

A customized solution was implemented at a nuclear power plant in Spain to ensure the uninterrupted supply of critical loads. The Ascó and Vandellós II facilities operate using Westinghouse-designed pressurized water reactor (PWR) technology, the most widely used in the nuclear industry, fuelled with uranium dioxide enriched to 3–5%. These plants operate under the strict supervision of the Nuclear Safety Council and independent certification bodies, in full compliance with stringent international quality and safety standards. PRAMAC installed two generators at the Ascó site, configured to operate in parallel and connected via a dedicated back-synchronization panel designed to prevent secondary blackouts. This solution ensures continuous power availability for the plant's critical systems.

Location

Ascó,
Tarragona

Country

Spain

Key Features

GSW560V

- Engine Volvo TAD1641GE
- Alternator Mecc Alte ECO40-3S
- Synchronizing panel MPP
- GMB2. Motorized circuit breaker 4 poles, AFP. Automatic fuel transfer pump
- PHS. Preheating system, ACH. Anticondensation heater
- PTW temperature sensors, LPT. Leakproof tray
- Soundproof version
- Power LTP 546 kVA
- Power PRP 508 kVA
- Frequency 50 Hz
- Voltage 400V



Power Solutions For The Mining Sector In Spain



Project

A leading company in the mining sector initiated a project to operate a fluorite extraction concession, a key raw material used in cement production and hydrofluoric acid manufacturing. Given the challenging site conditions and the highly dusty environment, PRAMAC developed three generator sets designed to operate in parallel and equipped with specialized sand filtration systems. PRAMAC also managed the commissioning of the units following installation, ensuring full compliance with operational requirements and delivery within the client's specified timelines.

Location
Granada
Country
Spain

Key Features

GSW510V

- Soundproof version with Special sand trap air filter
- Power LTP 510 kVA
- Power PRP 458 kVA: 9 Power plants with total Power PRP of 7MVA
- Frequency 50 Hz
- Voltage 400/230V
- Engine Volvo TAD1345GE
- Alternator Mecc Alte ECO40-3S
- Modular parallel panel MPP



Power Solutions A Water Treatment Plant In Spain



Project

A major water treatment company in Almería, southeastern Spain, selected PRAMAC for the installation of three reliable 500 kVA generator sets for PRP applications. PRAMAC also managed the commissioning of the units, ensuring compliance with operational requirements and delivery within the client's specified timelines.

Location
Almería
Country
Spain

Key Features

GSW560V

- Soundproof version
- Power LTP 546 kVA
- Power PRP 508 kVA
- Frequency 50 Hz
- Voltage 400V
- Engine Volvo TAD1641GE
- Alternator Mecc Alte ECO40-3S
- Modular parallel panel MPP
- GMB2. Circuit breaker 4 poles motorized\



Power for a food processing plant



Project

Pramac supplied a customized power generation solution for a food processing plant in Malaga. The installation includes two soundproofed GDW780V generator sets operating in parallel, together with one soundproofed GSW1270P generator set, providing a reliable and flexible power infrastructure to support continuous production processes.

Location
Malaga
Country
Spain

The system is equipped with advanced automatic control and paralleling panels, enabling efficient load management and ensuring uninterrupted operation in a highly demanding food-processing environment where power reliability is critical to maintaining productivity and product quality.

Key Features

2 x GDW780V + 1 x GSW1270P

- Soundproof version
- MPP, Parallel panel & ACP – Automatic Control Panel
- PHS. Preheating system
- GMB2. 4 poles circuit breaker



Back up power for hospitals



Project

Supply and installation of two Pramac generator sets (1 x GSW175I and 1 x GSW600V) to ensure reliable backup power for the former La Fe hospital complex, now operating as the Campanar outpatient center in Valencia. The project belongs to the healthcare sector, where uninterrupted power supply is critical. The installation combines a 176.5 kVA unit (159.9 kVA PRP) powered by an FPT Iveco engine, and a 601 kVA unit (567 kVA PRP) equipped with a Volvo engine, both coupled with Mecc Alte alternators, operating at 50 Hz and 400 V. Together, the units provide a flexible and scalable solution to support the facility's power demand. Both generator sets feature soundproof enclosures, automatic control panels (ACP), preheating systems (PHS), and 4-pole circuit breakers (TIF). Additionally, they include advanced communication systems such as RGW9 (DSE855 USB to Ethernet) and RCG15 Ethernet module, enabling efficient monitoring and control. This project highlights the expansion and modernization of the power infrastructure of a healthcare facility, combining different power ranges to ensure operational continuity and adaptability to varying load requirements.

Location
Valencia
Country
Spain

Key Features

1 x GSW175I

- Soundproof version
- ACP. Automatic control panel
- PHS. Preheating system
- TIF. 4 poles circuit breaker
- RGW9. DSE855 USB to Ethernet Communications Device

1 x GSW600V

- Soundproof version
- ACP. Automatic control panel
- PHS. Preheating system
- TIF. 4 poles circuit breaker
- RCG15. Comunicacion module ethernet via RJ45



Back up power for hospitals



Project

Installation of 2 Pramac GSW990B generator sets, rated at 900 kVA each, operating in parallel to ensure reliable backup power supply in a critical healthcare environment. This project belongs to the healthcare sector, where power continuity is essential. The units, delivering 820 kVA PRP, are equipped with Baudouin engines and Mecc Alte alternators, operating at 50 Hz and 400 V. Key features include a soundproof enclosure, parallel control panel (MPP), preheating system (PHS), 4-pole circuit breaker (TIF), and RCG15 communication module via Ethernet. The installation posed a significant logistical challenge, as the generator sets had to be positioned inside the hospital building, requiring careful planning to overcome a height of 9 floors.

Location
Valencia
Country
Spain

Key Features

2 x GSW990B

- Soundproof version
- MPP, Paralel panel
- PHS. Preheating system
- TIF. 4 poles circuit breaker
- RCG15. Comunicacion module ethernet via RJ45



Energy for a Logistics Distribution Center



Project

Installation of two Pramac GSW1700B generator sets (1,700 kVA each) configured for parallel operation (MPP) to provide reliable backup power for a large-scale logistics platform. The project belongs to the logistics sector, where operational continuity is essential to maintain supply chain efficiency. The solution supports a distribution center of over 65,000 m², serving more than 120 retail stores across different regions. The generators operate at 50 Hz and 400 V, delivering 1,579 kVA PRP, and are equipped with Baudouin 12M33 engines and Mecc Alte ECO46 alternators. The installation features open-set configuration and advanced control through Deep Sea Electronics controllers, enabling mains synchronization without zero crossing, ensuring seamless integration with the grid. This project highlights Pramac's capability to deliver high-power, customized energy solutions for critical logistics infrastructures, guaranteeing reliability and operational resilience.

Location
Barcelona
Country
Spain

Key Features

2 x GSW1700B (MPP)

- Open set version
- Power LTP 1.699 kVA
- Power PRP 1.579 kVA
- Frequency 50 Hz
- Voltage 400V
- Engine BAUDOUIN
- Alternator MECC ALTE



Reliable backup power for a poultry processing facility



Project

Installation of two Pramac GSW1550B generator sets (1,550 kVA each) operating in parallel to supply reliable backup power for a poultry processing facility in Murcia, within the food industry sector, where continuous operation is critical. The units, equipped with Baudouin engines and Mecc Alte alternators, operate at 50 Hz and 400 V and are installed in a soundproof configuration. The system includes a parallel control panel (MPP), preheating system (PHS), and 4-pole circuit breakers (GMB2), along with inverted electrical panels, ensuring safe and efficient power management. The generators are synchronized with each other and feature mains synchronization without zero crossing, guaranteeing a seamless transition during grid recovery and ensuring uninterrupted production processes. This project highlights Pramac's expertise in delivering robust and reliable energy solutions for the food industry, supporting critical operations not only at the main processing plant but also across several associated farm facilities.

Location
Murcia
Country
Spain

Key Features

2 x GSW1550B

- Soundproof version
 - MPP, Paralel panel
 - PHS. Preheating system
 - GMB2. 4 poles circuit breaker
- INVERTED ELECTRICAL PANELS



Power for a winery production plant



Project

Installation of two Pramac GSW250G generator sets (250 kVA each) operating in parallel to support harvesting and bottling processes at a winery, within the food and beverage sector. The units, delivering 225 kVA PRP, are equipped with MAN engines and Mecc Alte alternators, and include parallel panel (MPP), preheating system (PHS), and 4-pole circuit breakers, with inverted electrical panels. This project highlights Pramac's capability to support seasonal and critical production processes in the wine industry.

Location
Barcelona
Country
Spain

Key Features

2 x GSW1550B

- Soundproof version
- MPP, Paralel panel
- PHS. Preheating system
- GMB2. 4 poles circuit breaker

INVERTED ELECTRICAL PANELS



Wastewater Treatment Plant



Project

Installation of a Pramac GSW1165B generator set (1,132 kVA ESP / 1,032 kVA PRP) to provide backup power for a wastewater treatment plant, within the services and environmental sector. The unit operates at 50 Hz and 400 V, equipped with a Baudouin engine and Mecc Alte alternator, and includes automatic control panel (ACP) and preheating system (PHS), ensuring reliability in critical infrastructure. This project demonstrates Pramac's contribution to environmental sustainability through reliable power solutions.

Location
Murcia
Country
Spain

Key Features

1 x GSW1165B

- Soundproof version
- ACP. Automatic control panel
- PHS. Preheating system
- GMB2. 4 poles circuit breaker



Highway Tunnels in Malaga



Project

Installation of 10 Pramac GSW generator sets in parallel to supply backup power for multiple highway tunnels on the A-7 motorway, within the infrastructure and services sector. The units, equipped with Baudouin engines and Mecc Alte alternators, operate at 50 Hz and 400 V, and include parallel control panels (MPP), ensuring synchronized operation. This project highlights Pramac's ability to deliver large-scale solutions for critical public infrastructure, ensuring safety and operational continuity.

Location
Malaga
Country
Spain

Key Features

10 x GSW1015B

- Soundproof version
- MPP, Paralel panel
- PHS. Preheating system
- GMB2. 4 poles circuit breaker



Air Force Maintenance Facility



Project

Supply and installation of a Pramac GSW1165B generator set to provide emergency power for two aircraft hangars at a Spanish Air Force Base, supporting airplane maintenance operations, within the defense sector. The generator operates at 50 Hz and 400 V, delivering 1,132 kVA ESP / 1,032 kVA PRP, and is equipped with a Baudouin engine and Mecc Alte alternator, with automatic control panel (ACP) and preheating system (PHS). This project demonstrates Pramac's capability to meet the high reliability standards required in defense and mission-critical environments.

Location
Albacete
Country
Spain

Key Features

1 x GSW1165B

- Soundproof version
- ACP. Automatic control panel
- PHS. Preheating system
- GMB2. 4 poles circuit breaker



Power Solutions For Oil Extraction Platforms In Trinidad And Tobago



Project

For one of BP Trinidad's offshore oil extraction platforms in Trinidad and Tobago, two PRAMAC GSW875P generator sets were selected as the primary backup power solution. To ensure reliable operation in demanding marine conditions, several custom modifications were implemented, enabling full compliance with both local and international regulations and ensuring optimal performance in an offshore environment.

Location

Trinidad

Country

Trinidad And Tobago (TT)

Key Features

GSW875P

- Power LTP 947 kVA
- Power PRP 851 kVA
- Frequency 60 Hz
- Tension 480 V
- Engine Perkins 4006-23TAG3A
- Alternator MECCALTE ECO43 1S
- Soundproof canopy
- ATEX certified spark arrestor
- Overspeed shutoff valve
- Gas detection system
- CO2 fire suppression system
- Remote monitoring
- Incorporated fuel tank of 1000L



Power solutions for the NHS Trust Energy Centre in the United Kingdom



Project

During the challenging COVID-19 period, PRAMAC successfully manufactured and delivered three GSW3365M generators for the NHS. Despite the restrictions and logistical difficulties, remote Factory Acceptance Tests (FAT) were carried out directly from PRAMAC's headquarters in Italy, ensuring that all project requirements, quality standards, and delivery deadlines were fully met. This project highlights PRAMAC's commitment, adaptability, and technological capability even under exceptional global circumstances.

Country
United
Kingdom

Key Features

GSW3365M

- Power ESP - 3325kVA
- Power PRP - 3000kVA
- Frequency - 50 Hz
- Voltage - 11000 V
- Engine Perkins - MTU 20V4000G34F
- Alternator - Mecc Alte ECO49HV-L



Power Solutions For An EV Charging Station In The United Kingdom



Project

PRAMAC provided a generator to meet the power demands of an EV charging station limited by grid capacity. To ensure a reliable and sustainable energy supply, the generator was integrated with a battery energy storage system in a hybrid configuration. Unlike traditional diesel generators, this unit operates on bio-methane, making it the first hybrid EV charging solution in the UK to utilize this cleaner fuel. The use of bio-methane is a key factor, offering a more environmentally friendly alternative that significantly reduces greenhouse gas emissions compared to conventional fossil fuels. This innovative solution by PRAMAC demonstrates a strong commitment to advancing sustainable energy practices in EV charging infrastructure.

Location
Middlewich
Country
United Kingdom

Key Features

GGW50G

- Power ESP 50 kVA
- Power PRP 45 kVA
- Engine Generac 4.5 L
- Voltage 400V
- Frequency 50 Hz
- Alternator Mecc Alte



Power Solutions For A NHS Hospital In The United Kingdom



Project

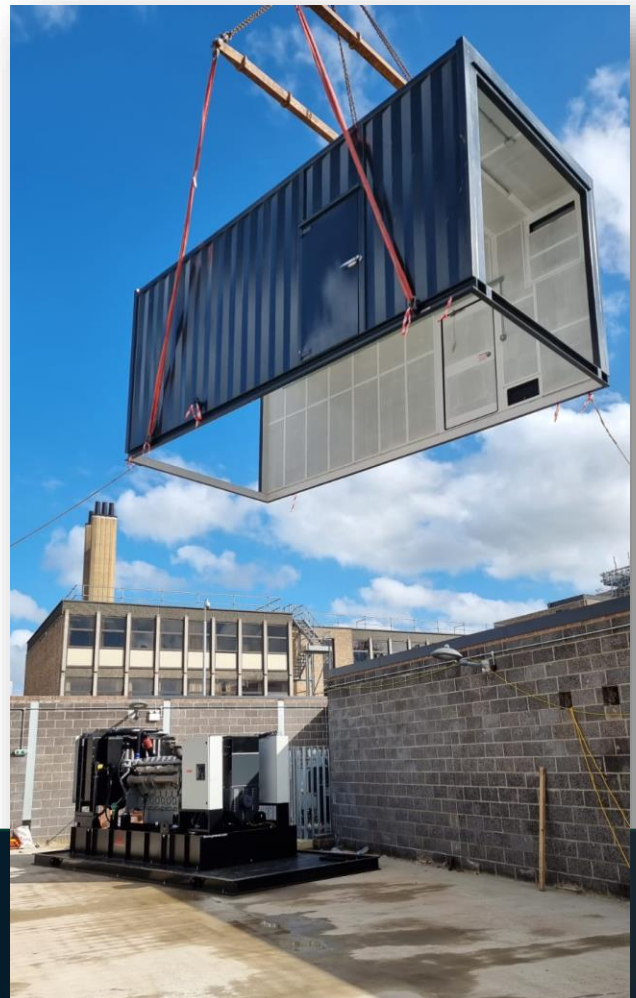
Two GSW1130P generators were successfully delivered to a leading NHS hospital in the United Kingdom. These high-capacity units enhance the hospital's backup power capabilities, ensuring a reliable electricity supply for critical medical equipment and essential services in the event of a power outage.

Location
Cambridge
Country
United Kingdom

Key Features

GSW1130P

- Power ESP – 1043kVA
- Power PRP – 1146kVA
- Frequency – 50 Hz
- Voltage – 400 V
- Engine – Perkins 4008 TAG2A
- Alternator – Stamford HCI634K



Power Solutions For A Defence Project In UAE



Project

PRAMAC delivered a soundproof generator set designed to combine robust construction with optimized simplicity, meeting the client's requirements while withstanding harsh environmental conditions. The unit is capable of delivering maximum performance at ambient temperatures of up to 50°C, ensuring high reliability in extreme climates.. It is fully enclosed with acoustic insulation, featuring high IP protection and a double-walled sandwiched canopy. The internal walls, built with HD perforated sheets, enhance durability and facilitate easier handling and movement of the genset. To meet specific aesthetic requirements, the canopy was customized with a special powder-coated color as requested by the client. Equipped with a Volvo engine featuring emission control technology, the genset ensures a significant reduction of harmful gases released into the atmosphere. Through this project, PRAMAC successfully delivered a tailored, high-performance solution, combining durability, efficiency, and environmental responsibility.

Location
UAE
Country
United Arab
Emirates

Key Features

GSW275

- Integrated Distribution board with CE industrial sockets.
- Integrated Load Transfer Switch.
- Heavy duty robust skid.
- POWER: 200-300 Kw



Power Solutions For The Abu Dhabi Formula 1 Circuit



Project

PRAMAC was selected to supply power for the Abu Dhabi Formula 1 Grand Prix, held entirely at night. Generators were installed along the entire circuit, operating in parallel mode and running independently from the main electrical grid. With a total installed capacity of 9.7 MW, the system ensured a continuous and reliable power supply for one of the world's most prestigious sporting events. This project demonstrates PRAMAC's capability to deliver large-scale, high-reliability energy solutions for global events where performance and precision are essential.

Location
Abu Dhabi
Country
United Arab
Emirates

Key Features

GSW510V

- Power LTP 507 kVA
- Power PRP 461 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine VOLVO TAD1640GE
- Alternator MECC ALTE ECO40 3S
- Soundproof enclosure noise level 73 dB(A) @ 7 m
- Sand trap air filters on enclosure, Parallel panel, Manual battery switch
- Additional tank under base frame of 2000 liters

GSW330V

- Alternator MECC ALTE ECO38 2L
- Soundproof enclosure noise level 72 dB(A) @ 7 m
- Sand trap air filters on enclosure, Parallel panel, Manual battery switch
- Additional tank under base frame of 1300 litres
- Power LTP 330 kVA
- Power PRP 315 kVA
- Frequency 50 Hz
- Tension 400 V
- Engine VOLVO TAD941GE



Power Solutions For GSM Communication Towers In Zambia



Project

MTN, a multinational telecommunications group operating in 22 countries across Africa, Asia, and the Middle East, selected Pramac to supply standby generators for the new communication towers of the Lusaka GSM infrastructure. MTN, a multinational telecommunications group operating in 22 countries across Africa, Asia, and the Middle East, selected PRAMAC to supply standby generators for the Lusaka GSM communication towers.

The solution includes GBW10Y 10 kVA generators ensures a reliable and continuous power supply, supporting the operation and resilience of critical telecommunications infrastructure.

Location

Lusaka

Country

Zambia (ZM)

Key Features

GBW10Y (automatic control panel)

- 10 kVA generators
- YANMAR engine
- LINZ alternator
- Customized control panel
- Load transfer switch
- Extended fuel tank



New Dakar Airport



Project

PRAMAC has been selected by one of the leading construction companies in Senegal to participate in the construction of the New Dakar Airport.

PRAMAC supplied a 500 kW generator to provide continuous power to the on-site concrete production plant. The generator operates 12 hours a day, ensuring uninterrupted construction activities.

Location

Lusaka

Country

Zambia

Key Features

GSW 590 V

- Power LTP 601 Kva
- Power PRP 571 kVA
- Frequency 50Hz
- Voltage 400 V
- Engine VOLVO TAD1642GE
- Alternator MECCALTE ECO40-1L/4
- Soundproof canopy noise level 75 dBA@7 metres



Mnt-multinational Telecommunications Group



Project

MTN, a multinational telecommunications group operating in 22 countries across Africa, Asia, and the Middle East, selected PRAMAC to supply standby generators for the new GSM communication towers in Lusaka.

Location
Lusaka
Country
Zambia

Key Features

GBW10Y (automatic control panel)

- 10 kVA generators
- YANMAR engine
- LINZ alternator
- Customized control panel
- Load transfer switch
- Extended fuel tank





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