

### **S/SP** Series

#### S5000 - S8000 - SP8000

Premium professional machines with high quality components, these multiconfiguration generators are equipped with digital display and a complete sockets set, giving the possibility of adding differential or isometer protection to ensure levels of safety at work.

#### **MAIN FEATURES**







Protection Oil Guard



Automatic Voltage Regulation



Digital Display



27 L Tank Capacity



IP 54 Protection





#### **PROPERTIES & ADVANTAGES**

The S/SP Series concentrates the operational working area in the same side of the generator, so that the worker does not need to move around the machine. The S/SP series guarantees an easy access for maintenance reducing the time and costs of any interventions.



Professional wheel kit, assembled and ready to work, with a foam grip handle; very compact and easy to move.

**Metal fuel tank** with 27 I capacity and fuel gauge.



#### CONNector for:

- AMF (Automatic mains failure)
- RSS (Remote start)

#### Protections as option:

- **DPP** (Differential protection)
- IPP (Isometer protection)



Pratical and user-friendly **instruction guide**.

#### Digital Display with:

- Frequency meter
- Volt-meter
- Hour-meter

#### **ACCESSORIES**



Automatic Mains Failure panel and Remote Start/Stop.
GENSET with CONNector



Remote Start/Stop wireless (max open distance 90 m).
GENSET with CONNector



Manual Transfer Switch 40A for single phase 230V versions

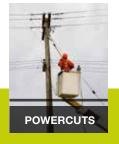
# TECHNICAL DATA STAGEV



Genset name  POWER THREE PHASE Stand By power ESP (kW/kVA) Continuous power COP (kW/kVA) POWER SINGLE PHASE Stand By power ESP (kW/kVA) Continuous power COP (kW/kVA) POWER SINGLE PHASE Stand By power ESP (kW/kVA) Continuous power COP (kW/kVA) POWER SPECIFICATIONS Voltage (Volt) Spewer factor (cos) ENGINE SPECIFICATIONS Brand Model GX270 Fuel Petrol Displacement (cc) Speed (rpm) Gylinder Cooling system Starting system CONSUMPTION Fuel consumption at 75% of load (L/h) Fuel tank capacity (L) Running time at 75% of load (h) NOISE EMISSION	- - - - - - - - -,2	\$5000 5,0 / 6,3 4,3 / 5,4	Three phase \$8000	SP8000
Genset name  POWER THREE PHASE  Stand By power ESP (kW/kVA)  Continuous power COP (kW/kVA)  POWER SINGLE PHASE  Stand By power ESP (kW/kVA)  Continuous power COP (kW/kVA)  A,8/5,3  Continuous power COP (kW/kVA)  POWER SPECIFICATIONS  Voltage (Volt)  Frequency (Hz)  Power factor (cos)  ENGINE SPECIFICATIONS  Brand  Honda  Model  GX270  Fuel  Petrol  Displacement (cc)  Speed (rpm)  Cylinder  Cooling system  Starting system  CONSUMPTION  Fuel tank capacity (L)  Fuel tank capacity (L)  Running time at 75% of load (h)  16.2	S8000 - -	5,0 / 6,3	S8000	
Stand By power ESP (kW/kVA)   -	- - 6,4 / 7,2	5,0 / 6,3		
Stand By power ESP (kW/kVA)   -	- - 6,4 / 7,2		6.6 / 8.3	
Continuous power COP (kW/kVA)	6,4 / 7,2	4.3 / 5.4	-,-,-,-	7,1 / 8,8
Stand By power ESP (kW/kVA)	6,4 / 7,2		5,6 / 7,0	5,4 / 6,8
Stand By power ESP (kW/kVA)         4.8 / 5,3           Continuous power COP (kW/kVA)         3,9 / 4,2           POWER SPECIFICATIONS         230           Frequency (Hz)         50           Power factor (cos)         0,9           ENGINE SPECIFICATIONS         8           Brand         Honda           Model         GX270           Fuel         Petrol           Displacement (cc)         270           Speed (rpm)         3000           Cylinder         1 inclined           Cooling system         Air           Starting system         Recoil / Electrication           CONSUMPTION         1,6           Fuel consumption at 75% of load (L/h)         1,6           Fuel tank capacity (L)         27           Running time at 75% of load (h)         16.2	6,4 / 7,2			
Continuous power COP (kW/kVA)         3,9 / 4,2           POWER SPECIFICATIONS         230           Frequency (Hz)         50           Power factor (cos)         0,9           ENGINE SPECIFICATIONS         Honda           Model         GX270           Fuel         Petrol           Displacement (cc)         270           Speed (rpm)         3000           Cylinder         1 inclined           Cooling system         Air           Starting system         Recoil / Electrication           CONSUMPTION         1,6           Fuel tank capacity (L)         27           Running time at 75% of load (h)         16.2		3,4 / 3,8	3,6 / 4,0	5,2 / 5,8
POWER SPECIFICATIONS           Voltage (Volt)         230           Frequency (Hz)         50           Power factor (cos)         0,9           ENGINE SPECIFICATIONS           Brand         Honda           Model         GX270           Fuel         Petrol           Displacement (cc)         270           Speed (rpm)         3000           Cylinder         1 inclined           Cooling system         Air           Starting system         Recoil / Electrication           CONSUMPTION         1,6           Fuel tank capacity (L)         27           Running time at 75% of load (h)         16.2	5.5 / 6.0	3,1 / 3,5	3,3 / 3,7	3,6 / 4,0
Voltage (Volt)         230           Frequency (Hz)         50           Power factor (cos)         0,9           ENGINE SPECIFICATIONS         Honda           Brand         Honda           Model         GX270           Fuel         Petrol           Displacement (cc)         270           Speed (rpm)         3000           Cylinder         1 inclined           Cooling system         Air           Starting system         Recoil / Electrication           CONSUMPTION         Tuel consumption at 75% of load (L/h)         1,6           Fuel tank capacity (L)         27           Running time at 75% of load (h)         16.2			.,,	
Frequency (Hz)   50	230	400 / 230	400 / 230	400 / 230
Power factor (cos)   0,9	50	50	50	50
Brand Honda  Model GX270  Fuel Petrol  Displacement (cc) 270  Speed (rpm) 3000  Cylinder 1 inclined  Cooling system Air  Starting system Recoil / Electricate  CONSUMPTION  Fuel consumption at 75% of load (L/h) 1,6  Fuel tank capacity (L) 27  Running time at 75% of load (h) 16.2	0,9	0,8 / 0,9	0,8 / 0,9	0,8 / 0,9
Brand Honda  Model GX270  Fuel Petrol  Displacement (cc) 270  Speed (rpm) 3000  Cylinder 1 inclined  Cooling system Air  Starting system Recoil / Electric+  CONSUMPTION  Fuel consumption at 75% of load (L/h) 1.6  Fuel tank capacity (L) 27  Running time at 75% of load (h) 16.2		.,,.	.,	
Model   GX270	Honda	Honda	Honda	Honda
Fuel Petrol Displacement (cc) 270 Speed (rpm) 3000 Cylinder 1 inclined Cooling system Air Starting system Recoil / Electric+ CONSUMPTION Fuel consumption at 75% of load (L/h) 1,6 Fuel tank capacity (L) 27 Running time at 75% of load (h) 16.2	GX390	GX270	GX390	GX390
270   270   270   3000   Cylinder   1 inclined   Cooling system   Recoil / Electric+   CONSUMPTION   1,6   Fuel tank capacity (L)   27   Running time at 75% of load (h)   16.2   270   16.2   270	Petrol	Petrol	Petrol	Petrol
Speed (rpm)  Cylinder  Clylinder  Cooling system  Starting system  CONSUMPTION  Fuel consumption at 75% of load (L/h)  Fuel tank capacity (L)  Running time at 75% of load (h)  3000  Recoil / Starting time at 75% of load (L/h)  1,6  27  Running time at 75% of load (h)	389	270	389	389
Cylinder 1 inclined Cooling system Air Starting system Recoil / Electric+ CONSUMPTION Fuel consumption at 75% of load (L/h) 1,6 Fuel tank capacity (L) 27 Running time at 75% of load (h) 16.2	3000	3000	3000	3000
Cooling system Starting system Recoil / Electric+ CONSUMPTION Fuel consumption at 75% of load (L/h) Fuel tank capacity (L) Running time at 75% of load (h) Air Recoil / Electric+ 27 Running time at 75% of load (h)	1 inclined	1 inclined	1 inclined	1 inclined
Starting system  Starting system  CONSUMPTION  Fuel consumption at 75% of load (L/h)  Fuel tank capacity (L)  Running time at 75% of load (h)  Recoil / Electric4  27  1.6  16.2	Air	Air	Air	Air
CONSUMPTION Fuel consumption at 75% of load (L/h)  Fuel tank capacity (L)  Running time at 75% of load (h)  1,6  27  Running time at 75% of load (h)				
Fuel consumption at 75% of load (L/h)       1,6         Fuel tank capacity (L)       27         Running time at 75% of load (h)       16.2	TICCON TICCON LICCUIOTTI	TIGOGII / Electric i i i	OOI TIGOOII / Electric / Tiece	II TIOONY EIOONOTTIC
Fuel tank capacity (L) 27 Running time at 75% of load (h) 16.2	2,1	1,6	2,1	2,1
Running time at 75% of load (h) 16.2	27	27	27	27
	12,6	16,2	12,5	12,5
NOISE EINISSION				
60	69	69	69	69
Noise pressure level at 7 mt (db(A))  Guaranteed sound power level (LWA db(A))  97	97	97	97	97
DIMENSION AND WEIGHT			_	
0.40	840	840	840	840
congan (mm)	615	615	615	615
Tro	753	753	753	753
noight (min)	91 / 97	85 / 97	92 / 103	110 / 116
Weight (kg) 83 / 89 EQUIPMENTS	01701	307 51	527 100	1107110
	y meter Volt/Hours/Frequency n	meter Volt/Hours/Frequency m	eter Volt/Hours/Frequency meter	r Volt/Hours/Frequency m
Digital display  Volt/Hours/Frequenc  Fuel tank material  Metal	Metal	Metal	Metal	Metal
der tank material		Fuel gauge	Fuel gauge	Fuel gauge
1 x 220V Cabula 14		0 0		
Sockets* 1 x 230V CEE 16/ 1 x 230V CEE 32/	3 3	P44 1 x 230V CEE 16A IP	14 1 x 230V CEE 16A IP44	1 x 400V CEE 16A IP
Battery charger 12V DC 10	6A IP54 1 x 230V Schuko 16A LIP44 1 x 230V CEE 16A IF		12V DC 10A	-
CONNector for AMF/RSS - √	SA IP54 1 x 230V Schuko 16A N IP44 1 x 230V CEE 16A IF N IP44 1 x 230V CEE 32A IF	12V DC 10A		-
AVR (Automatic Voltage Regulator) - √	SA IP54 1 x 230V Schuko 16A N IP44 1 x 230V CEE 16A IF N IP44 1 x 230V CEE 32A IF	12V DC 10A - √	- √	
Alternator protection (IP) 23	6A IP54 1 x 230V Schuko 16A 1 IP44 1 x 230V CEE 16A IF 1 IP44 1 x 230V CEE 32A IF 1 2V DC 10A			1
Protections IPP / DPP	SA IP54 1 x 230V Schuko 16A 1 x 230V CEE 16A IF 1 x 230V CEE 32A IF 4 1 x 230V CEE 32A	- √	- 1	√ 54
Transportation kit √	SA IP54	- J	- √ - √	

<sup>\*</sup> Other configurations and detailed specifications are available on www.pramac.com

### Performance in a wide variety of applications













### **S/SP** Series

### S12000 - SP12000

Top of the range machine equipped with control panel and long running tank. A special version is available also with IP54 electric protection and AVR (Automatic Voltage Regulato). The generators are professional package that make the work easier.

#### **MAIN FEATURES**



Portability Protection Oil Guard



Automatic Voltage Regulation



24 L Tank Capacity



Noise Compliant



IP 54 Protection





### **PROPERTIES & ADVANTAGES**

The **S/SP 12000 Series** is designed with a roll cage frame, long running time, full features control panel, and electric starting system. Powered by Honda engine, the S/SP Series guarantees an easy access for maintenance reducing the time and costs of any interventions. The SP12000 special version is available with Alternator protection IP54.



Protective carter made of sheet steel and reachable fuel tap.



**Big fuel** integrated tank for an increased autonomy.



Tubular frame with integrated **battery box**.

#### **ACCESSORIES**



Automatic Mains Failure panel and Remote Start/Stop.
GENSET with CONNector



Remote Start/Stop wireless (max open distance 90 m). GENSET with CONNector



Transportation kit with fix handels folding handels



Manual Transfer Switch 40A for single phase 230V versions

## TECHNICAL DATA



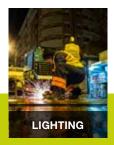
PETROL	Single phase	Three phase	
Genset name	\$12000	S12000	SP12000
OWER THREE PHASE			0. 1200
tand By power LTP (kW/kVA)	_	11,1 / 13,9	11,1 / 13,8
continuous power COP (kW/kVA)	-	9,5 / 11,8	9,4 / 11,8
OWER SINGLE PHASE			., . ,
tand By power LTP (kW/kVA)	10,7 / 11,9	5,0 / 5,6	6,8 / 7,5
continuous power COP (kW/kVA)	9.1 / 10.0	4,5 / 5,0	6,1 / 6,8
OWER SPECIFICATIONS	.,,	,	-,,-
oltage (Volt)	230	400 / 230	400 / 230
requency (Hz)	50	50	50
ower factor (cos)	0,9	0,8 / 0,9	0,8 / 0,9
NGINE SPECIFICATIONS		-99-	.,,.
rand	Honda	Honda	Honda
lodel	GX630	GX630	GX630
uel	Petrol	Petrol	Petrol
hisplacement (cc)	688	688	688
peed (rpm)	3000	3000	3000
ylinder	2V	2V	2V
cooling system	Air	Air	Air
tarting system	Electric	Electric	Electric
ONSUMPTION			
uel consumption at 75% of load (L/h)	4,23	4,16	4,23
uel tank capacity (L)	24	24	24
unning time at 75% of load (h)	5,67	5,77	5,67
IOISE EMISSION			
loise pressure level at 7 mt (db(A))	68	68	68
iuaranteed sound power level (LWA db(A))	96	96	96
IMENSION AND WEIGHT			
ength (mm)	960	960	960
/idth (mm)	641	641	641
leight (mm)	667	667	667
Veight (kg)	162	165	170
QUIPMENTS			
uel tank material	Plastic	Plastic	Plastic
nalog instruments	s	s	s
ockets *	1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1 x 230V CEE 32A IP44	1 x 230V Schuko 16A IP54 2 x 230V CEE 16A IP44 1 x 400V CEE 16A IP44	3 x 230V Schuko 16A IP54 1 x 400V CEE 16A IP67 1 x 400V CEE 32A IP67
ONNector for AMF/RSS	- √	<b>-</b> √	-
VR (Automatic Voltage Regulator)	- √	- 1	√
Iternator protection (IP)	23	23	54
rotections	IPP / DPP	IPP / DPP	IPP

<sup>\*</sup> Other configurations and detailed specifications are available on www.pramac.com

## Performance in a wide variety of applications













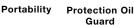
# **S** Series

#### S6000 - S6500

Designed to ensure safety and reliability, even in the most delicate situations, this range offers a robust package with a modern and economical fuel efficient diesel engine, confirming the excellence of PRAMAC's professional equipment.

#### **MAIN FEATURES**







Digital Display



24 L Noise Tank Capacity Compliant



IP 54 Protection



### **PROPERTIES & ADVANTAGES**

The **S Series** diesel is designed with a roll cage frame, long running time, full features control panel, electric and recoil starting system. Powered by Yanmar engine, the S/SP series guarantees an easy access for maintenance reducing the time and costs of any interventions.



**Protective carter** made of sheet steel and **tubular frame** with integrated battery box.



**Big fuel integrated tank** for an increased autonomy (24L).



Reachable fuel tap.

#### **ACCESSORIES**



Automatic Mains Failure panel and Remote Start/Stop.
GENSET with CONNector



Remote Start/Stop wireless (max open distance 90 m). GENSET with CONNector



Transportation kit with fix handels folding handels



Manual Transfer Switch 40A for single phase 230V versions

### TECHNICAL DATA



Single phase   Sense   Sense			
Genset name         \$6500         \$6000           POWER THREE PHASE         ****           Stand By power LTP (RVA/KW)         -         5.5 / 6.9           Continuous power COP (kVA/KW)         -         4.5 / 5.6           POWER THREE PHASE         ****         ****           Stand By power LTP (RVA/KW)         5.3 / 5.9         2.9 / 3.2           Continuous power COP (kVA/KW)         4.4 / 4.8         2.7 / 3.0           POWER SPECIFICATIONS         ****         ****           Voltage (Volt)         50         50           Power Actor (con)         0.9         0.8 / 0.9           POWER SPECIFICATIONS         ***         ***           Brand         Yanmar         Yanmar           Model         1.100 V         1.100 V           Fuel         Diesel         Diesel           Displacement (co)         435         435           Speed (pm)         3000         3000           Oylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (+Recoil)         Electric / (+Recoil)           Cooling system         Air         Air           Starting system	S/SP Series		
Stand By power LTP (kr/A/kW)	DIESEL	Single phase	Three phase
Stand By power LTP (kVA/kW)         -         5,5 / 6,9           Continuous power COP (kVA/kW)         -         4,5 / 5,6           POWER TITRE EPHASE           Stand By power LTP (kVA/kW)         5,3 / 5,9         2,9 / 3.2           Continuous power COP (kVA/kW)         4,4 / 4,8         2,7 / 3.0           POWER SPECIFICATIONS           Voltage (Volt)         230         400 / 230           Frequency (Hz)         50         50           Power factor (cos)         0,9         0,9 / 0,9           Power factor (cos)         0,9         0,0 / 0,9           Power factor (cos)         0,0 / 0,9         0,0 / 0,9	Genset name	S6500	S6000
Continuous power COP (NVA/NW)         -         4,5 / 5,6           POWER THREE PHASE         Continuous power COP (NVA/NW)         5,3 / 5,9         2,9 / 3,2           Continuous power COP (NVA/NW)         4,4 / 4,8         2,7 / 3,0           POWER SPECIFICATIONS           Voltage (Voit)         230         400 / 230           Frequency (Hz)         50         50           POWER SPECIFICATIONS           Brand         Yanmar         Yanmar           Model         L100 V         L100 V           Fuel         Diesel         Diesel           Displacement (cc)         435         435           Speed (pm)         3000         3000           Cylinder         1 vertical         1 vertical           Coling system         Electric / (+Recoil)         Electric / (-Recoil)           CONSUMPTION           Fuel cank capacity (L)         24         24           Running time at 75% of load (h)         1,46         1,45           Fuel cank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DMIRIT (MIT)         461         641 <td>POWER THREE PHASE</td> <td></td> <td></td>	POWER THREE PHASE		
Stand By power LTP (KVA/KW)   5,3 / 5,9   2,9 / 3,2	Stand By power LTP (kVA/kW)	-	5,5 / 6,9
Stand By power LTP (kVA/kW)         5,3/5,9         2,9/3,2           Continuous power COP (kVA/kW)         4,4/4,8         2,7/3,0           POWER SPECIFICATIONS           Voltage (Volt)         230         400/230           Frequency (Hz)         50         50           Power SPECIFICATIONS           Brand         Yanmar         Yanmar           Model         L100 V         L100 V           Fuel         Dissel         1100 V           Usel         Dissel         435         435           Speed (rpm)         3000         3000         3000           Cylinder         1 vertical         1 vertical         1 vertical           Consumption at 75% of load (L/h)         1,46         1,45           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24           Running time at 75% of load (L/h)         16,44         16,44           DIMENSION AND WEIGHT           Length (rmm)         840         840           Weight (kg)         114         641         641           Holight (rmm)         696         696         696	Continuous power COP (kVA/kW)		4,5 / 5,6
Continuous power COP (kVA/kW)         4,4/4,8         2,7/3,0           POWER SPECIFICATIONS           Voltage (Volt)         230         400 / 230           Frequency (ft2)         50         50           Power factor (cos)         0,9         0,8 / 0,9           POWER SPECIFICATIONS         Vanmar         Yanmar           Model         L100 V         L100 V           Fuel         Diesel         Diesel           Displacement (cc)         435         435           Speed (rpm)         3000         3000           Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Air         Air           Starting system         Electric / (Recoil)         Electric / (Recoil)           CONSUMPTION         1,46         1,45           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tack capacity (L)         24         24           Running time at 75% of load (h)         16,44         64           UMBENSION AND WEIGHT         641         641           Length (mm)         840         840           Weight (ftg)         114         124	POWER THREE PHASE		
POWER SPECIFICATIONS           Voltage (Volt)         230         400 / 230           Frequency (Hz)         50         50           Power factor (cos)         0,9         0.8 / 0.9           POWER SPECIFICATIONS           Brand         Yanmar         Yanmar           Model         1.100 V         1.100 V           Fuel         Diesel         Diesel           Displacement (cc)         435         435           Speed (pm)         3000         3000           Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (+Recoill)         Electric / (+Recoill)           CONSUMPTION           Consumption at 75% of load (L/h)         1.46         1,45           Fuel cansumption at 75% of load (M)         1.644         16,44           DIMENSION AND WEIGHT         B40         840           Width (rm)         641         641           Height (kg)         114         124           EOUIPMENTS           Digital display         Nohl-Noun-Frequency meter         Nohl-Noun-Frequency meter           Fuel tank material	Stand By power LTP (kVA/kW)	5,3 / 5,9	2,9 / 3,2
Voltage (Volt)         230         400 / 230           Frequeny (Hz)         50         50           Power factor (cos)         0,9         0,8 / 0,9           POWER SPECIFICATIONS           Brand         Yanmar         Yanmar           Model         1,100 V         1,100 V           Fuel         Diesel         Diesel           Displacement (co)         435         435           Speed (pm)         3000         3000           Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (+Recoil)         Electric / (+Recoil)           CONSUMPTION           Fuel tank capacity (L)         24         24           Running time at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24         24           Width (mm)         840         840         840           Width (mm)         840         840         840           Width (mm)         641         641         641           Height (mm)         696         696         696           Weight (kg)<	Continuous power COP (kVA/kW)	4,4 / 4,8	2,7 / 3,0
Frequency (Hz)         50         50           Power factor (cos)         0,9         0,8 / 0,9           POWER SPECIFICATIONS         STATE OF THE PROPERTY OF THE P	POWER SPECIFICATIONS		
Power factor (cos)         0,9         0,8 / 0,9 / 0,8 / 0,9           POWER SPECIFICATIONS           Brad         Yanmar         Yanmar           Model         1,100 V         1,2100 V           Fuel         Diesel         Diesel           Displacement (cc)         435         435           Speed (rpm)         3000         3000           Cylinder         Air         Air           Starting system         Air         Air           Starting system         Electric / (*Recoil)         Electric / (*Recoil)           CONSUMPTION           Fuel cank capacity (L)         24         24           Running time at 75% of load (l/h)         1,46         16,44         16,44           Evel tank capacity (L)         24         24         24           Running time at 75% of load (h)         840         840         840           Width (mm)         641         641         641           Height (mm)         696         696         696           Width (mm)         696         696         696           Evel park (lighty)         1,230V Schuk of Air PSt         1,230V Schuk of Air PSt         1,230V Schuk of Air PSt         2,220V Schuk of Eich	Voltage (Volt)	230	400 / 230
Brand         Yanmar         Yanmar           Model         1.100 V         1.100 V           Evule         Diesel         Diesel           Displacement (cc)         435         435           Speed (rpm)         3000         3000           Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (*Recoil)         Electric (*Recoil)           CONSUMPTION         Electro / (*Recoil)         Electro / (*Recoil)           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24         24           Running time at 75% of load (h)         16,44         16,44         16,44           DIMENSION AND WEIGHT         B40         840         840           Width (mm)         641         641         641           Height (mm)         696         696         696           Weight (kg)         114         124         24           EOUIPMENTS         Pigital display         Volt-tous-Frequency meter         Volt-tous-Frequency meter         Volt-tous-Frequency meter           Fuel tank material         Plastic         Plastic	Frequency (Hz)	50	50
Brand         Yanmar         Yanmar           Model         1.100 V         L.100 V           Fuel         Diesel         Diesel           Displacement (cc)         435         435           Speed (rpm)         3000         3000           Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (+Recoil)         Electric / (+Recoil)           CONSUMPTION           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel and capacity (L)         24         24         24           Running time at 75% of load (h)         16,44         16,44         14         44         14         44         14         44         14         44         14         44         14         44         14         44         14         44         14         44 <t< td=""><td>Power factor (cos)</td><td>0,9</td><td>0,8 / 0,9</td></t<>	Power factor (cos)	0,9	0,8 / 0,9
Model         L100 V         L100 V           Fuel         Diesel         Diesel           Displacement (cc)         435         435           Speed (rpm)         3000         3000           Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (+Recoil)         Electric / (+Recoil)           CONSUMPTION           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DIMENSION AND WEIGHT           Length (rmm)         840         840           Width (rmm)         641         641         641           Height (kmm)         696         696         696           Weight (kg)         114         124         124           EQUIPMENTS           Digital display         Volt-burs/Frequency meter         Volt-burs/Frequency meter         Fuel tank material         Plastic         Plastic           Sockets         1 x 230V CEs 16A IP44         1 x 230V CEs 16A IP44         2 x 230V CEs 16A IP44 <th< td=""><td>POWER SPECIFICATIONS</td><td></td><td></td></th<>	POWER SPECIFICATIONS		
Fuel         Diesel         Diesel           Displacement (cc)         435         435           Speed (rpm)         3000         3000           Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (+Recoil)         Electric / (+Recoil)           CONSUMPTION           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DIMENSION AND WEIGHT           Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           COUIPMENTS           Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54         1 x 220V Schuko 16A IP54           1 x 250V CEE 16A IP44         1 x 20V CEE 16A IP44         1 x 20V CEE 16A IP44           1 x 250V CEE 36A IP44	Brand	Yanmar	Yanmar
Displacement (cc)         435         435           Speed (rpm)         3000         3000           Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (+Recoil)         Electric / (+Recoil)           CONSUMPTION           Fuel consumption at 75% of load (L/h)         1.46         1.45           Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DISTRICTION AND WEIGHT           Length (mm)         840         840           Width (nm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS           Digital display         Volk/HoursFrequency/meter         Volk/HoursFrequency/meter         Volk/HoursFrequency/meter           Fuel tank material         Plastic         Plastic           Sockets         1/x 230V CEE 16A IPP4 1 x 230V CEE 16A IPP4 1	Model	L100 V	L100 V
Speed (rpm)         3000         3000           Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (+Recoil)         Electric / (+Recoil)           CONSUMPTION           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DIIMENSION AND WEIGHT           Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS           Digital display         Volt/HoursFrequency meter         Volt/HoursFrequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schulo 16A IP54         1 x 230V Schulo 16A IP54           1 x 230V CEE 16A IP44         2 x 230V CEE 16A IP44         2 x 230V CEE 16A IP44           1 x 230V CEE 16A IP44         2 x 230V CEE 16A IP44         2 x 230V CEE 16A IP44           1 x 230V CEE 16A IP44         2 x 230V CEE 16A IP44	Fuel	Diesel	Diesel
Cylinder         1 vertical         1 vertical           Cooling system         Air         Air           Starting system         Electric / (+Recoil)         Electric / (+Recoil)           CONSUMPTION           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DIMENSION AND WEIGHT           Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS           Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54         1 x 230V Schuko 16A IP54           1 x 230V Schuko 16A IP54         2 x 230V CEE 16A IP44         1 x 400V CEE 16A IP44           1 x 230V Schuko 16A IP54         1 x 230V Schuko 16A IP54         2 x 230V CEE 16A IP44           1 x 230V Schuko 16A IP54         1 x 230V Schuko 16A IP54         2 x 230V CEE 16A IP44           1	Displacement (cc)	435	435
Cooling system         Air         Air           Starting system         Electric / (+Recoil)         Electric / (+Recoil)           CONSUMPTION           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DIBMENSION AND WEIGHT           Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           COUIPMENTS           Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54         1 x 230V Schuko 16A IP54         1 x 230V Schuko 16A IP54         1 x 230V CEE 16A IP44         2 x 230V CEE 16A IP44	Speed (rpm)	3000	3000
Starting system         Electric / (+Recoil)         Electric / (+Recoil)           CONSUMPTION           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DIMENSION AND WEIGHT           Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EOUIPMENTS         10 gital display         Volt/Hours/Frequency meter         Plastic           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54         1 x 230V Schuko 16A IP54         1 x 230V Schuko 16A IP54           1 x 230V CEE 16A IP44         1 x 230V Schuko 16A IP54         1 x 230V CEE 16A IP44         1 x 230V CEE 16A IP44           1 x 230V CEE 16A IP44         1 x 230V CEE 16A IP44         1 x 230V CEE 16A IP44         1 x 230V CEE 16A IP44           1 x 230V CEE 16A IP44         1 x 230V CEE 16A IP44         1 x 230V CEE 16A IP44         1 x 230V CEE 16A IP44           1 x 230V CEE 16A IP44         1 x 230V CEE 16A IP44         1 x 230V CEE 16A IP44         1 x 230V CEE 16A	Cylinder	1 vertical	1 vertical
CONSUMPTION           Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DIMENSION AND WEIGHT           Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS         Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1 x 230V CEE 16A IP44         1 x 20V CEE 16A IP44 1 x 20V CEE 16A IP44           Battery charger         12V DC 10A         12V DC 10A           CONNector for AMF/RSS         - √         - √           Protections         IPP / DPP         IPP / DPP           Alternator protection (IP)         23         23	Cooling system	Air	Air
Fuel consumption at 75% of load (L/h)         1,46         1,45           Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DIMENSION AND WEIGHT           Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS         124         2           Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 18A IP54         2 x 230V Schuko 18A IP54           1 x 230V Schuko 18A IP54         2 x 230V CEE 16A IP44         1 x 40V CEE 16A IP44           1 x 20V CEE 16A IP44         1 x 40V CEE 16A IP44         1 x 40V CEE 16A IP44           1 x 20V CEE 16A IP44         1 x 20V CEE 16A IP44         1 x 20V CEE 16A IP44           1 x 20V CEE 16A IP44         1 x 20V CEE 16A IP44         1 x 20V CEE 16A IP44           1 x 20V CEE 16A IP44         1 x 20V CEE 16A IP44         1 x 20V CEE 16A IP44           2 x 20V CEE 16A IP44         1 x 20V CEE 16A IP44         1 x 20V CEE 16A IP44 <th< td=""><td>Starting system</td><td>Electric / (+Recoil)</td><td>Electric / (+Recoil)</td></th<>	Starting system	Electric / (+Recoil)	Electric / (+Recoil)
Fuel tank capacity (L)         24         24           Running time at 75% of load (h)         16,44         16,44           DIMENSION AND WEIGHT           Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS         Digital display         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V Schuko 16A IP54 2 x 230V Schuko 16A IP54 2 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1	CONSUMPTION		
Running time at 75% of load (h)         16,44         16,44           DIMENSION AND WEIGHT         840         840           Weight (mm)         840         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS         Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schulko 16A IP54 1 x 230V Schulko 16A IP54 2 x 230V CEE 16A IP44 1 x 230V CE	Fuel consumption at 75% of load (L/h)	1,46	1,45
DIMENSION AND WEIGHT           Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS           Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V Schuko 16A IP54 2 x 230V CEE 16A IP44 1 x 20V DC 10A 12V DC 10A           Battery charger         12V DC 10A         12V DC 10A           CONNector for AMF/RSS         - √         - √           Protections         IPP / DPP         IPP / DPP           Alternator protection (IP)         23         23	Fuel tank capacity (L)	24	24
Length (mm)         840         840           Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS           Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1 x 20V DC 10A         12V DC 10A           CONNector for AMF/RSS         - √         - √           Protections         IPP / DPP         IPP / DPP           Alternator protection (IP)         23         23	Running time at 75% of load (h)	16,44	16,44
Width (mm)         641         641           Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS           Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 2 x 230V CEE 16A IP44 1 x 230V CEE	DIMENSION AND WEIGHT		
Height (mm)         696         696           Weight (kg)         114         124           EQUIPMENTS           Digital display         Volt/Hours/Fiequency meter         Volt/Hours/Fiequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 2 x 230V CEE 16A IP44 1 x 230V CEE 32A IP44 1 x 400V CEE 16A IP44 1 x 230V CEE 32A IP44 1 x 400V CEE 16A IP44 1 x 200V CEE 1	Length (mm)	840	840
Weight (kg)         114         124           EQUIPMENTS         Uolt/Hours/Fiequency meter           Digital display         Volt/Hours/Fiequency meter         Volt/Hours/Fiequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V Schuko 16A IP54 2 x 230V CEE 16A IP44 1 x 200V CEE	Width (mm)	641	641
EQUIPMENTS           Digital display         Volt/Hours/Frequency meter         Volt/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1 x 230V CEE 32A IP44         1 x 230V CEE 16A IP44 2 x 230V CEE 16A IP44 1 x 400V CEE 16A IP44           Battery charger         12V DC 10A         12V DC 10A           CONNector for AMF/RSS         - √         - √           Protections         IPP / DPP         IPP / DPP           Alternator protection (IP)         23         23	Height (mm)	696	696
Digital display         Not/Hours/Frequency meter         Not/Hours/Frequency meter           Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1 x 240V CEE	Weight (kg)	114	124
Fuel tank material         Plastic         Plastic           Sockets         1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1 x 230V CEE 32A IP44         1 x 230V CEE 16A IP54 2 x 230V CEE 16A IP44 1 x 400V CEE 16A IP44           Battery charger         12V DC 10A         12V DC 10A           CONNector for AMF/RSS         - √         - √           Protections         IPP / DPP         IPP / DPP           Alternator protection (IP)         23         23	EQUIPMENTS		
Sockets         1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1 x 230V CEE 32A IP44         1 x 230V CEE 16A IP44 2 x 230V CEE 16A IP44 1 x 400V CEE 16A IP44           Battery charger         12V DC 10A         12V DC 10A           CONNector for AMF/RSS         - √         - √           Protections         IPP / DPP         IPP / DPP           Alternator protection (IP)         23         23	Digital display	Volt/Hours/Frequency meter	Volt/Hours/Frequency meter
Sockets         1 x 230V CEE 16A IP44 1 x 230V CEE 32A IP44         2 x 230V CEE 16A IP44 1 x 400V CEE 16A IP44           Battery charger         12V DC 10A         12V DC 10A           CONNector for AMF/RSS         - √         - √           Protections         IPP / DPP         IPP / DPP           Alternator protection (IP)         23         23	Fuel tank material	Plastic	Plastic
CONNector for AMF/RSS         - √         - √           Protections         IPP / DPP         IPP / DPP           Alternator protection (IP)         23         23	Sockets	1 x 230V CEE 16A IP44	2 x 230V CEE 16A IP44
Protections         IPP / DPP         IPP / DPP           Alternator protection (IP)         23         23	Battery charger	12V DC 10A	12V DC 10A
Alternator protection (IP) 23 23	CONNector for AMF/RSS	- 1	- 1
	Protections	IPP / DPP	IPP / DPP
Transportation kit  √ √	Alternator protection (IP)	23	23
	Transportation kit	$\checkmark$	$\checkmark$

Other configurations and detailed specifications are available on www.pramac.com

## Performance in a wide variety of applications



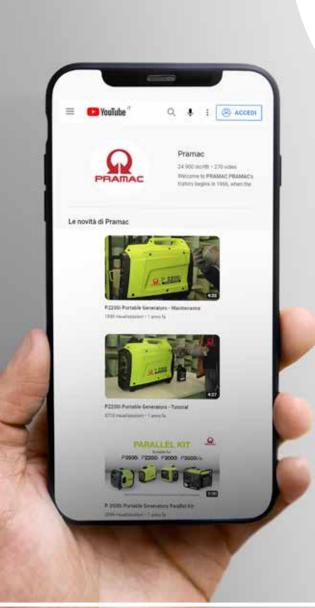












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