P6000S 230V 50HZ #CONN #DPP

THE SUPER SILENT POWER

Very low noise level, it is the ideal generator to use in quite areas, for residential or rental. It's equiped with a reliable Diesel engine, first class conponents and complete instrumentation.

Main Features		
Frequency	Hz	50
Voltage	V	230
Power factor	cos ϕ	0.9
Phase		1

Power Rating		
Standby power LTP	kVA	5.9
Standby power LTP	kW	5.4
Continuous power COP	kVA	4.9
Continuous power COP	kW	4.4

Ratings definition (According to standard ISO8528 1:2005)
COP - Continuous Power: It is defined as being the maximum power which a generating set is capable of delivering continuously for an unlimited number of hours, with the maintenance intervals and procedures being carried out as prescribed by the manufacturers.
LTP - Limited-Time running Power: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (whose no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

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Engine specifications		
Engine manufacturer		Yanmar
Model		L100N Electric
Engine cooling system		Air
Displacement	cm^3	435
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Diesel
Oil capacity	l	1.6
Starting system		Electric

Alternator Specifications		
Type		Brushless
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage regulation system		Capacitor

Dimensional data		
Length	(L) mm	970
Width	(W) mm	580
Height	(H) mm	927
Dry weight	Kg	203
Fuel tank capacity	l	19

Autonomy		
Fuel consumption @ 75% PRP	l/h	1.45
Fuel consumption @ 100% PRP	l/h	1.94
Running time @ 75% PRP	h	13.10
Running time @ 100% PRP	h	9.79

Noise level		
Guaranteed noise level (LWA)	dB(A)	84
Noise pressure level @ 7 m	dB(A)	56

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GENSET CONTROL PANELS (CONN DPP)

Mounted on the genset and complete of: instrumentation, control, protection of the generating set and sockets.

COMMANDS
- Start selector switch with key: OFF - ON - START
- **CONN**ector for AMF/RSS (Accessory available)

INSTRUMENTATION
- Voltmeter

PROTECTIONS
- Circuit breaker
- Differential protection (**DPP**)
- Engine Protection unit: High engine temperature; Low oil pressure; Low Fuel Level; Battery Charger alternator failure.

SOCKET TYPE

SCHUKO 230V 16A IP54	1
2P+T CEE 230V 16A IP44	1
2P+T CEE 230V 32A IP44	1

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ACCESSORIES CONTROL PANEL

AMF - AUTOMATIC CONTROL PANEL (CONN)

This accessory permits to control all the functions about a generator. It's built to monitor mono phase or three phase with neutral systems in alternate current; it permits to transfer the user's load on generator when the mains voltage is faulty. Conversely, as soon as AMF system detects the power grid, it stops the generator.

Equipment:
- Control and protection unit (DGT)
- Phase detector
- Contactor with interblock
- Battery charged
- Acustic alarm
- 8 meters control wiring (with CONNector)
- External start stop capability
- Emergency stop button

Instrumentation (DGT):
- Mains voltage
- Genset voltage
- Frequency meter
- Hour meter

Alarm & Shutdowns:
- Generators voltage out of limits
- Battery Voltage out of limits
- Low oil Pressure
- Fail to start
- External shutdown

RSS - REMOTE START / STOP (CONN)

RSS Remote start/stop wireless with CONNector (max Distance 90m)

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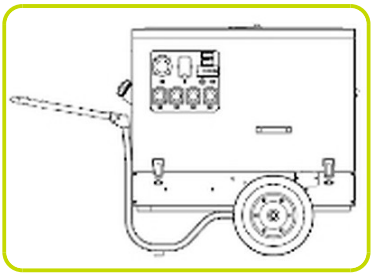
ACCESSORIES

TRANSPORTATION KIT



with folding handles

MTS- MANUAL TRANSFER SWITCH

Manual transfer switch 40A (for manual control versions 230V)

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The information is aligned with the Data file at the time of download. Printed on 14/01/2021 (ID 2532)

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