PX5000 230V 50HZ #AVR

ENGINEERED FOR PROFESSIONAL PERFORMANCE

Ready to move where power is needed, and configured with a strong and compact frame with integrated handle and wheels, that allow to transport it easily.

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

Power Rating		
Emergency Standby Power ESP	kVA	4.2
Emergency Standby Power ESP	kW	3.8
Continuous power COP	kVA	3.9
Continuous power COP	kW	3.5

Ratings definition (ISO-8528)
ESP - Emergency Standby Power:
It is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.
COP - Continuos 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 procedure being carried out as prescribed by the manufacturers.

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Engine specifications		
Model		SR188F
Engine cooling system		Air
Displacement	cm³	389
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	1.1
Starting system		Recoil

Alternator Specifications		
Type		
Class		H
IP protection		23/44
Poles		2
Frequency	Hz	50
Voltage regulation system		Electronic
Standard AVR		√

Dimensional data		
Length	(L) mm	727
Width	(W) mm	515
Height	(H) mm	670
Dry weight	Kg	79
Fuel tank capacity	l	27

Autonomy		
Fuel consumption @ 75% PRP	l/h	1.44
Fuel consumption @ 100% PRP	l/h	1.92
Running time 75% PRP	h	18.75
Running time 100% PRP	h	14.06

Noise level		
Guaranteed noise level (LWA)	dB(A)	97
Noise pressure level @ 7 m	dB(A)	69

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GENSET CONTROL PANELS

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

COMMANDS
- Selector switch: OFF - ON

INSTRUMENTATION
- Voltmeter
- Frequency meter
- Hourmeter
- Fuel gauge

PROTECTIONS
- Thermal protection
- Oil Guard

SOCKET TYPE

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

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The information is aligned with the Data file at the time of download. Printed on 30/09/2021 (ID 2314)

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