

PX5000 230V 50Hz #AVR #HAU

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 - 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 procedure being carried out as prescribed by the manufacturers.

Engine specifications

Model		SR188F
Engine cooling system		Air
Displacement	cm ³	389
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	1.1
Starting system		Recoil

Alternator Specifications

Alternator		BEIBEI
Class		H
IP protection		23/44
Poles		2
Frequency	Hz	50
Voltage	V	230
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 at 75% of Load	l/h	1.44
Fuel consumption at 100% of Load	l/h	1.92
Running time at 75% of load	h	18.75
Running time at 100% of load	h	14.06

Noise level

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



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

AS/NZS 3112 15A 250V

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