

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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