

P6000S #CONN #DPP

THE SUPER SILENT POWER



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

Main Features

| | | |
|--------------|------------|-----|
| Frequency | Hz | 50 |
| Voltage | V | 230 |
| Power factor | cos ϕ | 0.9 |
| Phase | | 1 |

Power Rating

| | | |
|-----------------------------|-----|-----|
| Emergency Standby Power ESP | kVA | 5.9 |
| Emergency Standby Power ESP | kW | 5.4 |
| Continuous power COP | kVA | 4.9 |
| Continuous power COP | kW | 4.4 |

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

| | | |
|-------------------------------|-----------------|----------------|
| Engine Brand | | Yanmar |
| Model | | L100V Electric |
| [50Hz] Exhaust emission level | | Stage V |
| 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 | 207 |
| Fuel tank capacity | l | 19 |

Autonomy

| | | |
|----------------------------------|-----|-------|
| Fuel consumption at 75% of Load | l/h | 1.52 |
| Fuel consumption at 100% of Load | l/h | 2.04 |
| Running time at 75% of load | h | 12.50 |
| Running time at 100% of load | h | 9.31 |

Noise level

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



GENSET CONTROL PANELS (CONN DPP)

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

COMMANDS

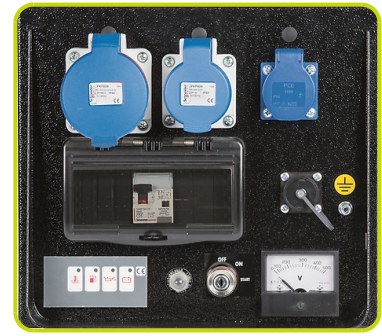
- Start selector switch with key: OFF - ON - START
- **CONN**ector for AMF/RSS (Accessory available)

INSTRUMENTATION

- Voltmeter

PROTECTIONS

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



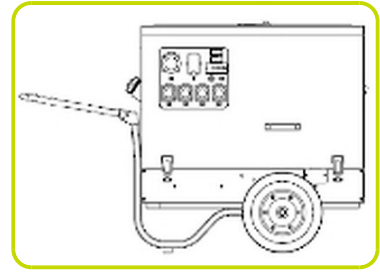
SOCKET TYPE

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

ACCESSORIES

TRANSPORTATION KIT

with folding handles



MTS- MANUAL TRANSFER SWITCH

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

