

P6000 230V 50HZ #AVR #IPP

THE SILENT POWER



MAXJONEL SRL
CUI: RO21803460; J28/418/2007
Str. Fratii Buzesti, 76A, Bals, judet Olt, 235100
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Low noise level, it is the ideal generator for use in residential areas or outside normal working hours. It's equipped with a reliable Diesel engine, first class components and complete instrumentation.

Main Features

| | | |
|--------------|------------|---------|
| Frequency | Hz | 50 |
| Voltage | V | 230/115 |
| Power factor | cos ϕ | 0.9 |
| Phase | | 1 |

Power Rating

| | | |
|-----------------------------|-----|-----|
| Emergency Standby Power ESP | kVA | 5.9 |
| Emergency Standby Power ESP | kW | 5.3 |
| Continuous power COP | kVA | 4.8 |
| Continuous power COP | kW | 4.3 |

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 | | Brushes |
| Class | | H |
| IP protection | | 23 |
| Poles | | 2 |
| Frequency | Hz | 50 |
| Voltage tolerance | % | 2 |
| Voltage regulation system | | Electronic |
| Standard AVR | | AVR 520 |

Dimensional data

| | | |
|--------------------|--------|-----|
| Length | (L) mm | 990 |
| Width | (W) mm | 602 |
| Height | (H) mm | 826 |
| Dry weight | kg | 186 |
| Fuel tank capacity | l | 24 |

Noise level

| | | |
|------------------------------|-------|----|
| Guaranteed noise level (LWA) | dB(A) | 93 |
| Noise pressure level @ 7 m | dB(A) | 65 |



GENSET CONTROL PANELS (IPP)

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

INSTRUMENTATION (DGT)

- Voltmeter
- Hours-counter
- Frequency meter

PROTECTIONS

- Magneto Thermal protection
- Isometer protection (**IPP**)
- Low oil Pressure

SOCKET TYPE

| | |
|------------------------|---|
| 2P+T CEE 115V 16A IP44 | 2 |
| 2P+T CEE 115V 32A IP44 | 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)



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