

S6000 (24L) 400V #CONN #DPP

THE COMPLETE DIESEL PACKAGE



Showing the excellence of Pramac's professional equipment, this generator offers a robust package with a modern and economical Diesel engine. Perfect for intensive use, it's equipped with a control panel which allows to integrate many accessories and options for better confort and for optimal command.

Main Features

| | | |
|--------------|------------|---------|
| Frequency | Hz | 50 |
| Voltage | V | 400/230 |
| Power factor | cos ϕ | 0.8 |
| Phase | | 3 |

Power Rating

| | | |
|-----------------------------|-----|-----|
| Emergency Standby Power ESP | kVA | 6.9 |
| Emergency Standby Power ESP | kW | 5.5 |
| Continuous power COP | kVA | 5.6 |
| Continuous power COP | kW | 4.5 |

Single Phase Power Rating

| | | |
|-----------------------------------|-----|-----|
| Single phase Maximum Power | kVA | 3.2 |
| Single phase continuous power COP | kVA | 3.0 |

Ratings definition (According to standard ISO8528 1:2005)

Engine specifications

| | | |
|-------------------------|-----------------|----------------|
| Engine Brand | | Yanmar |
| Model | | L100N Electric |
| 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 | V | 400 |
| Voltage regulation system | | Compound |
| Voltage tolerance | % | 6 |

Dimensional data

| | | |
|--------------------|--------|-----|
| Length | (L) mm | 840 |
| Width | (W) mm | 641 |
| Height | (H) mm | 696 |
| Dry weight | kg | 124 |
| Fuel tank capacity | l | 24 |

Autonomy

| | | |
|----------------------------------|-----|-------|
| Fuel consumption at 75% of Load | l/h | 1.46 |
| Fuel consumption at 100% of Load | l/h | 1.94 |
| Running time at 75% of load | h | 16.44 |
| Running time at 100% of load | h | 12.37 |



GENSET CONTROL PANEL (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
- CONNector for AMF/RSS (Accessory available)

INSTRUMENTATION (DGT)

- Voltmeter
- Hours-counter
- Frequency-meter

PROTECTIONS

- Circuit breaker
- Differential protection (**DPP**)
- Fuse DC 10A
- Low Oil Pressure

OUTPUT

- Battery charged 12V 10A

SOCKET TYPE

| | |
|--------------------------|---|
| SCHUKO 230V 16A IP54 | 1 |
| 2P+T CEE 230V 16A IP44 | 2 |
| 3P+N+T CEE 400V 16A IP44 | 1 |

ACCESSORIES CONTROL PANEL

AMF - AUTOMATIC CONTROL PANEL (CONN)

This accessory permits to control all the functions about a generator. It's built to monitor mono phase or three phase with neutral systems in alternate current; it permits to transfer the user's load on generator when the mains voltage is faulty. Conversely, as soon as AMF system detects the power grid, it stops the generator.

Equipment:

- Control and protection unit (DGT)
- Phase detector
- Contactor with interblock
- Battery charged
- Acoustic alarm
- 8 meters control wiring (with CONNector)
- External start stop capability
- Emergency stop button

Instrumentation (DGT):

- Mains voltage
- Genset voltage
- Frequency meter
- Hour meter

Alarm & Shutdowns:

- Generators voltage out of limits
- Battery Voltage out of limits
- Low oil Pressure
- Fail to start
- External shutdown

RSS - REMOTE START / STOP (CONN)

RSS Remote start/stop wireless with CONNector (max Distance 90m)



ACCESSORIES

TRANSPORTATION KIT

- With fix handles



- With folding handles

