

# S10000 400V 50Hz #IPP #Star Delta Switch



## Main Features

Frequency	Hz	50
Voltage	V	400/230
Power factor	cos $\phi$	0.8
Phase		3



## Power Rating

Emergency Standby Power ESP	kVA	11.6
Emergency Standby Power ESP	kW	9.3
Continuous power COP	kVA	10.5
Continuous power COP	kW	8.4

## Single Phase Power Rating

Single phase Maximum Power	kVA	4.50
Single phase continuous power COP	kVA	4.16

Ratings definition (According to standard ISO8528 1:2005)



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### Engine specifications

Engine Brand		Lombardini
Model		25LD425
Engine cooling system		Air
Displacement	cm <sup>3</sup>	851
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Diesel
Oil capacity	l	1.8
Starting system		Electric
Electric circuit	V	12

### Alternator Specifications

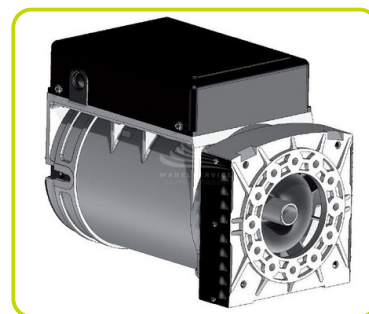
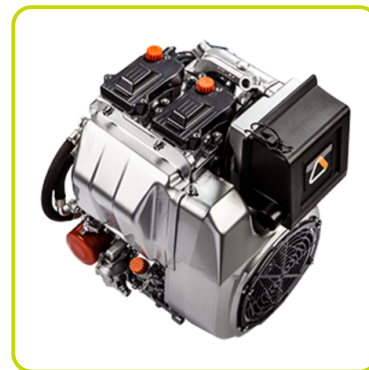
Alternator		Mecc Alte
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage	V	400
Voltage regulation system		Compound

### Dimensional data

Length	(L) mm	960
Width	(W) mm	641
Height	(H) mm	667
Dry weight	kg	160
Fuel tank capacity	l	24

### Autonomy

Fuel consumption at 75% of Load	l/h	2.40
Fuel consumption at 100% of Load	l/h	3.25
Running time at 75% of load	h	10.00
Running time at 100% of load	h	7.38



## GENSET CONTROL PANEL (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
- Star-delta switch

### INSTRUMENTATION

- Voltmeter
- Oil Pressure indicator

### PROTECTIONS

- Magneto thermalprotection
- Isometer protection (IPP)
- Low Oil Pressure

### SOCKET TYPE

SCHUKO 230V 16A IP54	1
2P+T CEE 230V 32A IP44	1
3P+N+T CEE 400V 16A IP44	1



## ACCESSORIES CONTROL PANEL

### AMF - AUTOMATIC CONTROL PANEL (CONN)

This accessory allows to control all the generator functions. It's built to monitor single phase or three phase with neutral systems in alternate current; it transfers the 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 interlock
- Battery maintener
- 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)



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## ACCESSORIES

### TRANSPORTATION KIT

- With fix handles



- With folding handles

