

## S15000 230V 50HZ



### Main Features

|                      |            |     |
|----------------------|------------|-----|
| Frequency            | Hz         | 50  |
| Voltage              | V          | 230 |
| Power factor         | cos $\phi$ | 0.9 |
| Phase and connection |            | 1   |

### Power Rating

|                      |     |      |
|----------------------|-----|------|
| Standby power LTP    | kVA | 13.6 |
| Standby power LTP    | kW  | 12.2 |
| Continuous power COP | kVA | 12.8 |
| Continuous power COP | kW  | 11.5 |

#### Ratings definition (According to standard ISO8528 1:2005)

**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 procedures being carried out as prescribed by the manufacturers.

**LTP** - Limited-Time running Power: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (whose no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

### Engine specifications

|                         |                 |      |
|-------------------------|-----------------|------|
| Engine manufacturer     | Lombardini      |      |
| Model                   | 12LD477         |      |
| Engine cooling system   | Air             |      |
| Displacement            | cm <sup>3</sup> | 954  |
| Aspiration              | Natural         |      |
| Operating Speed-Nominal | rpm             | 3000 |
| Speed governor          | Mechanical      |      |
| Fuel                    | Diesel          |      |
| Oil capacity            | l               | 3    |
| Starting system         | Electric        |      |
| Electric circuit        | V               | 12   |

### Alternator Specifications

|                           |           |    |
|---------------------------|-----------|----|
| Class                     | H         |    |
| Voltage regulation system | Capacitor |    |
| IP protection             | 23        |    |
| Poles                     | 2         |    |
| Frequency                 | Hz        | 50 |

### Dimensional data

|                    |        |     |
|--------------------|--------|-----|
| Length             | (L) mm | 960 |
| Width              | (W) mm | 641 |
| Height             | (H) mm | 807 |
| Dry weight         | Kg     | 193 |
| Fuel tank capacity | l      | 24  |

### Autonomy

|                             |     |      |
|-----------------------------|-----|------|
| Fuel consumption @ 75% PRP  | l/h | 2.79 |
| Fuel consumption @ 100% PRP | l/h | 3.81 |
| Running time @ 75% PRP      | h   | 8.60 |
| Running time @ 100% PRP     | h   | 6.30 |



## GENSET CONTROL PANELS



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
- Thermal Circuit Breaker
- Oil Guard

### SOCKET TYPE

|                        |   |
|------------------------|---|
| SCHUKO 230V 16A IP54   | 3 |
| 2P+T CEE 230V 16A IP44 | 1 |
| 2P+T CEE 230V 32A IP44 | 1 |

## ACCESSORIES

### TRANSPORTATION KIT

- With fix handles
- With folding handles

### LIGHT TOWER

for portable generators (with tubular frames)

- Maximum Height 4.2m
- Elevations Pneumatic
- Quick open/close systems for legs
- Mast support and four lifting
- Lamp available Watt/Type:
  - n.4 X 500W Halogen (required power from generator: 2.5kVA 230V Single Phase)
  - n.4 X 1000W Halogen (required power from generator: 5,0kVA 230V Single Phase)



### MTS- MANUAL TRANSFER SWITCH

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



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