

# PX10000 230V 50Hz

ENGINEERED FOR PROFESSIONAL PERFORMANCE



Ready to move where power is needed, and configured with a strong and compact frame with integrated handle and wheels and central lifting point, that allow to transport it easily.

## Main Features

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

## Power Rating

|                             |     |      |
|-----------------------------|-----|------|
| Emergency Standby Power ESP | kVA | 10.3 |
| Emergency Standby Power ESP | kW  | 9.3  |
| Continuous power COP        | kVA | 9.4  |
| Continuous power COP        | kW  | 8.5  |

### 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.



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### Engine specifications

|                               |                 |                    |
|-------------------------------|-----------------|--------------------|
| Model                         |                 | LC196FD            |
| [50Hz] Exhaust emission level |                 | Stage V            |
| Engine cooling system         |                 | Air                |
| Displacement                  | cm <sup>3</sup> | 622                |
| Aspiration                    |                 | Natural            |
| Operating Speed-Nominal       | rpm             | 3000               |
| Speed governor                |                 | Mechanical         |
| Fuel                          |                 | Petrol             |
| Oil capacity                  | l               | 1.6                |
| Starting system               |                 | Electric (+Recoil) |

### Alternator Specifications

|                           |    |        |
|---------------------------|----|--------|
| Alternator                |    | Vision |
| Class                     |    | H      |
| Poles                     |    | 2      |
| Frequency                 | Hz | 50     |
| Voltage                   | V  | 230    |
| Voltage regulation system |    | AVR    |

### Dimensional data

|                            |        |             |
|----------------------------|--------|-------------|
| Length                     | (L) mm | 837         |
| Width                      | (W) mm | 785         |
| Height                     | (H) mm | 924         |
| Dry weight                 | kg     | 143         |
| Carton box dimension LxWxH | mm     | 920x645x675 |
| Fuel tank capacity         | l      | 48          |

### Autonomy

|                                 |     |       |
|---------------------------------|-----|-------|
| Fuel consumption at 75% of Load | l/h | 4.29  |
| Running time at 75% of load     | h   | 11.19 |

### Noise level

|                              |       |     |
|------------------------------|-------|-----|
| Guaranteed noise level (LWA) | dB(A) | 101 |
| Noise pressure level @ 7 m   | dB(A) | 73  |



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## GENSET CONTROL PANELS



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

### COMMANDS

- Selector switch: OFF - ON - START

### INSTRUMENTATION

- Voltmeter
- Hourmeter
- Fuel gauge

### PROTECTIONS

- Thermal protection
- Oil Guard

### OUTPUT

- 12Vdc car lighter socket 8.3 Amp

### SOCKET TYPE

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

