

# P11000 400V 50Hz #IPP



## Main Features

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

## Power Rating

|                             |     |       |
|-----------------------------|-----|-------|
| Emergency Standby Power ESP | kVA | 10.80 |
| Emergency Standby Power ESP | kW  | 8.64  |
| Continuous power COP        | kVA | 10.00 |
| Continuous power COP        | kW  | 8.00  |

### 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                         | 3TNM74F-NHPGE   |      |
| [50Hz] Exhaust emission level | Stage V         |      |
| Engine cooling system         | Water           |      |
| Displacement                  | cm <sup>3</sup> | 993  |
| Aspiration                    | Natural         |      |
| Operating Speed-Nominal       | rpm             | 3000 |
| Speed governor                | Mechanical      |      |
| Fuel                          | Diesel          |      |
| Oil capacity                  | l               | 3.4  |
| Coolant capacity              | l               | 1    |
| Starting system               | Electric        |      |
| Electric circuit              | V               | 12   |

### Alternator Specifications

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

### Dimensional data

|                    |        |      |
|--------------------|--------|------|
| Length             | (L) mm | 1400 |
| Width              | (W) mm | 650  |
| Height             | (H) mm | 975  |
| Dry weight         | kg     | 320  |
| Fuel tank capacity | l      | 24   |

### Autonomy

|                                  |     |      |
|----------------------------------|-----|------|
| Fuel consumption at 75% of Load  | l/h | 2.56 |
| Fuel consumption at 100% of Load | l/h | 3.63 |
| Running time at 75% of load      | h   | 9.38 |
| Running time at 100% of load     | h   | 6.61 |

### Noise level

|                              |       |    |
|------------------------------|-------|----|
| Guaranteed noise level (LWA) | dB(A) | 96 |
| Noise pressure level @ 7 m   | dB(A) | 68 |



GENSET CONTROL PANELS MCP (#IPP)

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

COMMANDS

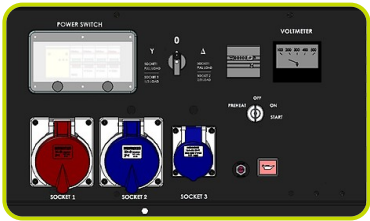
- Start selector switch with key: OFF - ON - START
- Power Selector Delta Star

INSTRUMENTATION

- Voltmeter
- Hour Meter
- Low oil pressure Alarm Lamp

PROTECTIONS

- Circuit breaker
- Isometer protection (IPP)



SOCKET TYPE

|                          |   |
|--------------------------|---|
| 2P+T CEE 230V 16A IP44   | 1 |
| 2P+T CEE 230V 32A IP44   | 1 |
| 3P+N+T CEE 400V 16A IP44 | 1 |

## ACCESSORIES

### - TRANSPORTATION KIT



The information is aligned with the Data file at the time of download.  
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