

## GMP-12000P1 [1P - 50Hz - 230V]



Low noise level, it is the ideal generator for use in residential areas or outside normal working hours. It's equipped with a reliable gasoline engine, first class components and complete instrumentation.

### Main Features

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

### Power Rating

|                             |     |      |
|-----------------------------|-----|------|
| Emergency Standby Power ESP | kVA | 11.9 |
| Emergency Standby Power ESP | kW  | 10.7 |
| Continuous power COP        | kVA | 10.0 |
| Continuous power COP        | kW  | 9.1  |

### 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                  | Honda           |      |
| Model                         | GX630           |      |
| [50Hz] Exhaust emission level | Stage V         |      |
| Engine cooling system         | Air             |      |
| Displacement                  | cm <sup>3</sup> | 688  |
| Aspiration                    | Natural         |      |
| Operating Speed-Nominal       | rpm             | 3000 |
| Speed governor                | Mechanical      |      |
| Fuel                          | Petrol          |      |
| Oil capacity                  | l               | 1.9  |
| Starting system               | Electric        |      |

### Alternator Specifications

|                           |         |    |
|---------------------------|---------|----|
| Type                      | Brushes |    |
| Class                     | H       |    |
| IP protection             | 23      |    |
| Poles                     | 2       |    |
| Frequency                 | Hz      | 50 |
| Voltage regulation system | AVR     |    |
| Standard AVR              | ASR     |    |

### Dimensional data

|                    |        |     |
|--------------------|--------|-----|
| Length             | (L) mm | 990 |
| Width              | (W) mm | 602 |
| Height             | (H) mm | 826 |
| Dry weight         | Kg     | 188 |
| Fuel tank capacity | l      | 24  |

### Autonomy

|                             |     |      |
|-----------------------------|-----|------|
| Fuel consumption @ 75% PRP  | l/h | 4.07 |
| Fuel consumption @ 100% PRP | l/h | 5.43 |
| Running time 75% PRP        | h   | 5.90 |
| Running time 100% PRP       | h   | 4.42 |

### Noise level

|                              |       |    |
|------------------------------|-------|----|
| Guaranteed noise level (LWA) | dB(A) | 89 |
| Noise pressure level @ 7 m   | dB(A) | 61 |



## GENSET CONTROL PANELS (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
- **CONN**ector for AMF/RSS (Accessory available)

### INSTRUMENTATION (DGT)

- Voltmeter
- Hours-counter
- Frequency meter

### PROTECTIONS

- Circuit breaker
- Differential protection (**DPP**)
- Oil Guard

### SOCKET TYPE

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

### MTS- MANUAL TRANSFER SWITCH

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

