

## IR8000 HO XL T 230V 50HZ

201566



A petrol generator designed specifically for intensive operations where performance power is demanded by professional user, over an extended period of time.

### Main Features

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

### Power Rating

|                      |     |     |
|----------------------|-----|-----|
| Standby power LTP    | kVA | 8.3 |
| Standby power LTP    | kW  | 6.6 |
| Continuous power COP | kVA | 7.0 |
| Continuous power COP | kW  | 5.6 |

### Single Phase Power Rating

|                                   |     |     |
|-----------------------------------|-----|-----|
| Single phase standby power LTP    | kVA | 4.0 |
| Single phase continuous power COP | kVA | 3.7 |

#### 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     | Honda           |      |
| Model                   | GX390 Recoil    |      |
| Engine cooling system   | Air             |      |
| Displacement            | cm <sup>3</sup> | 389  |
| Aspiration              | Natural         |      |
| Operating Speed-Nominal | rpm             | 3000 |
| Speed governor          | Mechanical      |      |
| Fuel                    | Petrol          |      |
| Oil capacity            | l               | 1.1  |
| Starting system         | Recoil          |      |



### Alternator Specifications

|                           |          |    |
|---------------------------|----------|----|
| Type                      | Brushes  |    |
| Class                     | H        |    |
| IP protection             | 23       |    |
| Poles                     | 2        |    |
| Frequency                 | Hz       | 50 |
| Voltage tolerance         | %        | 6  |
| Voltage regulation system | Compound |    |

### Dimensional data

|                    |        |     |
|--------------------|--------|-----|
| Length             | (L) mm | 729 |
| Width              | (W) mm | 500 |
| Height             | (H) mm | 536 |
| Dry weight         | Kg     | 81  |
| Fuel tank capacity | l      | 11  |

### Autonomy

|                             |     |      |
|-----------------------------|-----|------|
| Fuel consumption @ 75% PRP  | l/h | 2.15 |
| Fuel consumption @ 100% PRP | l/h | 2.86 |
| Running time @ 75% PRP      | h   | 5.12 |
| Running time @ 100% PRP     | h   | 3.85 |

### Noise level

|                              |       |    |
|------------------------------|-------|----|
| Guaranteed noise level (LWA) | dB(A) | 97 |
| Noise pressure level @ 7 m   | dB(A) | 69 |

### GENSET CONTROL

#### COMMANDS:

- Selector switch: OFF - ON
- Starting systems: Recoil
- Fuel Cock

#### PROTECTIONS STANDARD:

- Thermal protection
- Oil Guard

#### SOCKET TYPE

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

