



## Power generator

# FH 8220 TWE

Nr art. 28174

### Characteristic

- Welding current range from 40 A to 220 A
- Welding cycle at current 130 A - 100 %
- Welding cycle at current 170 A - 60 %
- Welding cycle at current 220 A - 35 %
- Voltage stabilization +5 -8 %
- Low level of THD < 5 %
- Alternator insulation class H
- Alternator protection IP IP 23
- Autonomy (at 75 % load) 16,7 h
- Lowered noise level from 97 to 96 dB(A)
- Frame diameter 38 mm

### Technical parameters

|                            |                                      |
|----------------------------|--------------------------------------|
| <b>Frequency</b>           | <b>50 Hz</b>                         |
| <b>Voltage</b>             | <b>400 / 230 V</b>                   |
| <b>Power 3~ max / nom.</b> | <b>7,2 kVA / 6,5 kVA (cos φ 0,8)</b> |
| <b>Prime current 3~</b>    | <b>9,4 A</b>                         |
| <b>Power 1~ max / nom.</b> | <b>3,9 kW / 3,5 kW</b>               |
| <b>Prime current 1~</b>    | <b>15,2 A</b>                        |

|                        |                           |
|------------------------|---------------------------|
| Engine                 | Honda                     |
| Model                  | GX 390                    |
| Capacity               | 389 cm <sup>3</sup>       |
| Cooling                | Air                       |
| Cylinder               | 1                         |
| Stroke                 | 4                         |
| Oil volume             | 1,1 L                     |
| Starting system        | Manual + Electric starter |
| Fuel                   | Petrol                    |
| Fuel tank              | 45 L                      |
| Consumption (load 75%) | 2,7 L / h                 |
| Noise level Lwa        | 96 dB(A)                  |

|        |        |
|--------|--------|
| Weight | 115 kg |
| Length | 790 mm |
| Width  | 580 mm |
| Height | 650 mm |

### Standard equipment

- Sockets for welding cables
- Socket 400 V 16 A
- Socket 230 V 16 A
- Overload protection
- Oil level sensor
- Silencer with exhaust adapter
- Battery

### Optional and service equipment

- Welding cables 3 mb - 35 mm<sup>2</sup> Nr art. 14110
- Welding cables 10 mb - 35 mm<sup>2</sup> Nr art. 14113
- Exhaust hose Nr art. 15876
- Hourmeter Nr art. 23300
- Transportation set Nr art. 28784
- Service kit (air filter, spark plug, engine oil) Nr art. 23294

### Norms and Directives

- **2000/14/WE**  
Noise Directive 2005/88/WE
- **2006/42/WE**  
Machinery Directive
- **2014/35/WE**  
Low Voltage Directive
- **2014/30/WE**  
EC Directive