



# Power generator

## FH 8220 W

Nr art. 28172

### 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

### 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 <math>\phi</math> 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
Fuel	Petrol
Fuel tank	6,1 L
Consumption (load 75%)	2,7 L / h
Noise level Lwa	97 dB(A)

Weight	88 kg
Length	790 mm
Width	580 mm
Height	505 mm

### Standard equipment

- Sockets for welding cables
- Socket 400 V 16 A
- Socket 230 V 16 A
- Overload protection
- Oil level sensor

### 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
- Exhaust adapter Nr art. 10118
- Hourmeter Nr art. 23300
- Transportation set Nr art. 28807
- Service kit (air filter, spark plug, engine oil) Nr art. 16582

### 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