

# DIESEL INDUCTION HEATING GENERATOR




Single phase engine-driven generator, direct drive, medium-frequency output specifically designed to supply induction heating coils

Mechanical Specifications	
Engine options	FPT C87 ENT water-cooled , 6 cylinders in line with turbo aftercooler, 260 KW at 2100 rpm
	Other engine options: on request
Displacement	8700 cc
Emissions Category	Tier 3 / STAGE 3A
Fuel Tank Capacity	350 litres
Working temperature	-15°C / +45°C -40°C / +45°C with optional cold weather equipment
Relative Humidity	85%
Dry Weight	2900 Kg
Dimensions:	2850 (L) x 1200 (W) x 2050 (H) mm
Max inclination	35°
Noise Level	76 dBa / 7mt

Electrical Specifications	
Output Voltage	240 V single-phase
Output Frequency	535-560 Hz
Output Current	1000 A single-phase
Max Output Power	190 KW continuous
	240 KW at 60% duty cycle over a 5-minute period
Full-power nominal output load impedance	240 mOhm
Insulation class of main alternator	H
Output connectors	Powerlock / GIFAS

### **Electronic Specifications**

- Highly integrated power supply and control boards with CPU for digital control.
- Large VFD (Vacuum Fluorescent Display) digital display.
- SAE J1939 engine LCD graphical display.
- Programmable machine cycles for field-joint, welding preheating and heat treatment.
- Full automatic power factor correction.
- RS-232C PC serial interface.

### **System is complete with**

- Set of induction cables to connect generators with coil - n. 4 cables - 15m length with twist-lock fast connectors ( GIFAS Welding Connectors or Powerlock)
- Remote control

### **Available Options**

- Conditioning kit for extreme temperatures
- Auxiliary single-phase 50/60 Hz, 2.5 KW 120/240 V AC power supply.