

DIESEL INDUCTION HEATING GENERATOR

MFG 150

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



LK2 S.r.l.

Sede Legale: Piazza Zamara, 27
25036 Palazzolo sull'Oglio (BS)
Tel. +39 - 02 - 94.96.07.47



www.lk2group.com

Sede Uffici: Via Ada Negri, 2/4
20081 Abbiategrasso (MI)
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MECHANICAL SPECIFICATIONS

Standard Engines	FPT N67 TE2A water-cooled, 6 cylinders in line with turbo aftercooler
Displacement	6.700 cc
Emissions Category	Tier 4 – Stage 4
Fuel Tank Capacity	320 lit
Working Temperature	- 15 °C / + 45 °C
Relative Humidity	85%
Dry Weight	3.000 kg
Dimensions	1350 x 2500 x 2210 mm
Max Inclination	35°
Noise Level	70 dBa / 10 mt



200 kW FPT Engine Tier 4 Compliant

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ELECTRICAL SPECIFICATIONS

Output Voltage	185 V single-phase
Output Frequency	480-510 Hz
Output Current	810 A single-phase
Max Output Power	120 kW continuous
	150 KW at 60% duty cycle over a 5-minute period
Full-power nominal output load impedance	228 mOhm
Insulation class of main alternator	H
Output connectors	Powerlock Other options available upon request

Electronic Specifications:

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

System is supplied with:

- Set of induction cables to connect generators with coil - n. 4 cables - 15m length with twist-lock fast connectors (Powerlock Connectors or Gifas on request), to be quoted separately
- Wired remote control (included)

Available Options:

- Conditioning kit for extreme temperatures: integrated additional heater (*Winter Kit*) is connected to the engine cooling circuit and guarantee the correct temperature of the cooling liquid.