

INDUCTION HEATING INVERTER LHG 360 kW



LHG 360 is a flexible solution that can be adopted in many application. This IGBT power source is versatile, compact, robust, extremely reliable and having high IP grade, can be installed outdoor.

LHG 360 as well as all the inverter series LHG (Low Frequency) and SHG (High Frequency) offer direct communication links, on board diagnostics, and user friendly interfacing.

LHG 360 power supplies use internal load matching system and do not require additional component to be installed between power source and inductors/load.

MAIN FEATURES

Inverter Model	LHG 360
Description	Induction heating power supply Inverter 360
Technology	IGBT resonant-serie
Configuration	Liquid cooled 360/380-500Hz(450-1600Hz) Q(1-3)
Input voltage	480VAC, 50Hz/60Hz (400-480V)
Input current	570A(RMS) (400V)
Transformer	n° 3 for each inverter
Output power	360kW
Max output current	2025A(RMS)
Max output voltage	500V(RMS)
Load inductance adaptation range	5-85uH
Pipe range	8"÷ 56"
Coil Typical application	12" - 40"
Heating length	-
Duty ratio	100%
Power factor	>0.90
Resonant frequency	500Hz (450-1000Hz)
Dimension (L x W x h)	600 x 1800 x 2000 mm
Weight	500÷600 kG
Connecting cable	water cooled / air cooled (according with coil and performances)
COOLING WATER	
Suspended Solids	None
ph	7 - 8
Hardness	10 – 20°f
Conductivity	100 – 300 μ S/cm - Max 400 μ S/cm
Chlorides	<200 mg/L
Minimum Flow	45 L/min - 12 Gallons (US)/min
Minimum Pressure	2.5 bars - 36 psi
Maximum Pressure	4 bars - 58 psi
Inlet Temperature	<= 30°C

Specifications subject to change without notice