

Induction heating transistor generators SH Type

The SH generator series includes the traditional advantages of the Transithermic® family of generators (high reliability, easy use, superior efficiency) in a series circuit design.

The standard version includes a DCP-1 (Digital Control Panel) which enables the generator parameters display and configuration.

The SH generator is the most suitable solution for low and medium powers in induction heating applications at medium and high frequencies between 150 and 500 kHz.



Generator up to 25 kW
(with rollers)



Generator from 50 kW to 100 kW
(base included)

SH type transistor generator for induction heating Medium & high frequency with series oscillating circuit

General features

- Design for series oscillating circuit
- Frequency: 150 to 400 kHz
- Power: 6 kW to 100 kW
- Input voltage: 380 - 440 V; 50 or 60 Hz
- Efficiency: up to 90%
- Modular design with plug-in power control cards
- Protection: IP 54 (standard) or IP 55
- DCP (Digital Control Panel) included in standard version
- Optional Field Bus interfaces

The Transithermic® transistor generators can work in variable frequencies. The frequency is automatically coupled to the load, in every application, inside a wide range.

Technical features

Type		6SH	12SH	25SH	50SH	75SH	100SH
Output continuous power	kW	6	12	25	50	75	100
Frequency		[50, 150] kHz			[150, 400] kHz		
Power supply	kVA	8	15	31	63	94	125
Voltage supply		380 50/60 Hz 440 VAC 50/60 Hz (Autotrafo)					
Generator width	mm	600	600	600	1200	1400	1400
Generator depth	mm	800	800	800	800	800	800
Generator height	mm	1725	1725	1725	2000	2000	2000
Water temperature min/max		20°C / 30°C					
Water supply		1"	1"	1"	1"	1"	1"
Waterflow	l/min	12	18	20	30	40	60

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