

## Induction heating transistor generators PH Type

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

The standard version includes a DCP (Digital Control Panel) which enables the generator parameters display and configuration, as well as a rack for external access to the generator control cards.

The PM generator is the most suitable solution for medium and high powers in induction heating applications at medium frequencies between 100 and 300 kHz.



## PH type transistor generator for induction heating Medium frequency with parallel oscillating circuit

### General features

- Design for parallel oscillating circuit
- Frequency: 100 to 300 kHz
- Power: 50 kW to 200 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 the 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		50PH	75PH	100PH	150PH	200PH
Output continuous power	kW	50	75	100	150	200
Frequency		[100, 300 ] kHz				
Power supply	kVA	65	98	130	195	260
Voltage supply		380 – 440 VAC, 50/60 Hz WITH TRAFO				
Generator width	mm	1 640	1 640	1 640	1 640	2 500
Generator depth	mm	900	900	900	900	900
Generator height	mm	2 000	2 000	2 000	2 000	2 000
Width with R-3 cooling system	mm	2 440	2 440	2 440	2 440	3 400
Depth with R-3 cooling system	mm	900	900	900	900	900
Height with R-3 cooling system	mm	2 000	2 000	2 000	2 000	2 000
Water temperature min/max		20°C / 30°C				
Water supply		1"	1"	1"	1 ¼"	1 ¼"
Waterflow	l/min	25	40	45	65	105

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