

MEDIUM-HIGH FREQUENCY GENERATORS

200 SERIES



POWER CUBE 720/200



POWER CUBE 360/200



POWER CUBE 90/200
POWER CUBE 180/200

FEATURES / BENEFITS

- High Power output
- High level of performance with minimal operating costs
- Compact and integrable Heating Heads
- High Safety: all models output isolated from the mains
- Continuous generation
- Built-in Self-diagnosis
- Constant, repeatable power generation via microprocessor control
- Highly integrated with a small footprint
- State-of-the-art electronics
- Interfaces with CEIA Master Controller V3+ unit to manage heating cycles (temperature, time and power)
- Compliant with the Regulations on Electrical Safety and Electromagnetic Compatibility



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CEIA reserves the right to make changes, at any moment and without notice, to the models (including programming), their accessories and options, to the prices and conditions of sale



200 SERIES

Medium-High Frequency Generators



The 200 series is the state-of-the-art in medium-high frequency generators available in the market. This family combine the miniaturized CEIA Heating Head solution [patented] with a powerful, continuous-duty rated generator with so high efficiency that it can replace traditional generators in applications up to double input power, thus cutting the initial investment and operating costs.

The 90-180-360-720/200 Power Cube generators are complementary to the CEIA family of medium-frequency heaters, being perfectly suited to applications that require very rapid and localized heating.

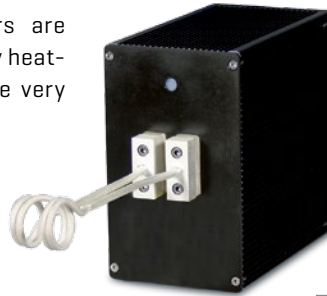
The generators have an ideal design for integration into automatic production systems. Space efficiency and simple operation also make these generators perfect for manual applications.

All CEIA Power Cube Generators can be combined with the CEIA Master Controller V3+ unit. They can even be interfaced with PCs or programmable controllers via their analog and RS-232 interfaces.

The use of innovative technology and latest-generation components places the 200 series generators in a class of their own in terms of performance, power output and operational cost.



HEATING HEAD HH17C
for Power Cube 90/200
and 180/200



HEATING HEAD HH18
for Power Cube
360/200



HEATING HEAD HH19
for Power Cube
720/200

* Inductors shown in the pictures as example only

		POWER CUBE			
		90/200	180/200	360/200	720/200
INPUT / OUTPUT	Maximum absorbed power	6.0 kW	12.0 kW	24.0 kW	48.0 kW
	Average output power at inductor	90 kVAR	180 kVAR	360 kVAR	720 kVAR
	Supply Voltage	400 Vac $\pm 10\%$ 3~ 50/60 Hz			
	Water cooling	pressure: 300 kPa - flow: 1.5 l/min		pressure: 300 kPa flow: 2.0 l/min	pressure: 300 kPa flow: 3.0 l/min
OPERATING CONDITIONS	Operating temperature	+ 5 to + 55°C			
	Storage temperature	- 25 to + 70 °C			
	Relative humidity	0 ÷ 95 % (without condensation)			
FREQUENCY RANGE	150 kHz... 220 kHz				
DIMENSIONS (WxDxH)	Generator	195 mm x 304 mm x 426 mm		490 mm x 496 mm x 768 mm	600 mm x 650 mm x 1280 mm
	Heating head	120 mm x 200 mm x 170 mm (HH17) 80 mm x 120 mm x 197 mm (HH17C)		120 mm x 213 mm x 200 mm (HH18)	120 mm x 274 mm x 200 mm (HH19)
	Standard Inductor holder	150 mm			
WEIGHT	Generator	21 kg		90 kg	190 kg
	Heating head	8.4 kg		10.5 kg	20 kg
CONFORMITY	Complies with international standards currently applicable for Electrical Safety (EN 60204-1) and Electromagnetic Compatibility (EN 55011, EN 61000-6-2)				



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