

1. Specifications and features

1.1. Output

Maximum Power	120kW ¹
Duty Cycle	100%
Maximum Voltage	700V rms ²
Frequency	35kHz to 400kHz
Cable current	600Amps Peak

1.2. Physical

Dimensions: Length	21in (533.4mm)
Width	9.75in (247.65mm)
Height (box)	10.5in (266.7mm)
Weight (unloaded box)	80lb (18.6kg)
Weight (with 10ft cable)	120lb (28.6kg)

1.3. Capacitor Rail

Resonant capacitors	Mounting space provided for twelve capacitors. :
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1.4. Load

Quality factor of load	Will operate with any load Q (including resistive loads), provided that the output frequency and voltage is within the specifications.
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1.5. Cooling water

Maximum pressure	100PSI (690kPa)
Minimum recommended pressure	30PSI (207kPa)
Minimum water flow	1GPM (.064l/s)
O-Ring specification	#014, 5/8" x 1/2" x 1/16"

¹ 120kW is rated power. Higher power levels may be used if the load and duty cycle are not extreme.

² Limited by rating of resonant capacitors.

