



41000 SERIES

Soda / Water - Cooled

200 - 1500 KW Load

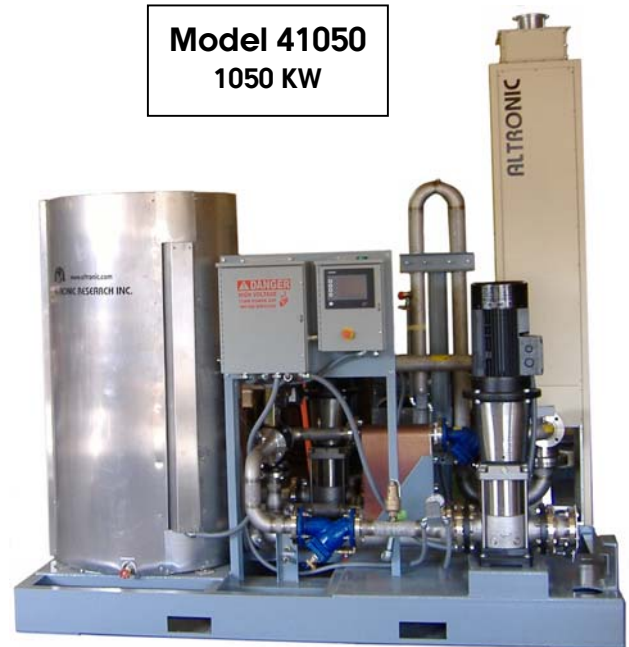
TECHNICAL CHARACTERISTICS:

- Entire Medium Wave Frequency Band
- Full Load for Harmonics 2 and 3
- Steel Frame Construction
- Special Broadband Soda-Water Resistor
- Full Radiation Screening
- Accurate Measurement of Dissipated Power
- Remote Monitoring and Control
- Dissipation of CW and Pulsed RF Signals
- Self-protecting Interlock Circuit

THREE VERSIONS:

Soda-water with: (1) air heat-exchanger; (2) glycol-water / air heat-exchanger; (3) water heat-exchanger

SPECIFICATIONS	
POWER RATING (RMS) (CONTINUOUS DUTY)	200 - 1500 KW
FREQUENCY RANGE	500 KHz to 2 MHz
IMPEDANCE	50 Ω nominal 120 Ω available
STABILIZED VSWR	1.1:1 or better
AMBIENT TEMPERATURE	+5 to 40°C -10°C to 50°C available <ul style="list-style-type: none">• Load derates @ temperatures above 40°C• RF Module must remain above freezing temperature
MEASUREMENT ACCURACY	Temp. Resolution $\pm 0.1^\circ\text{C}$; Water Flow $\pm 2\%$ FS Power $\pm 4\%$ FS



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