

40000 SERIES SODA LOADS

Soda / Water - Cooled

200 - 1000 KW Load

FEATURES:

- 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
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SPECIFICATIONS:

Impedance: 120 ohms nominal

Frequency Range: 50 Hz to 2 MHz (including full load for harmonics 2 and 3)

Resistive Type: Soda Solution (Sodium carbonate + Water)

Power Rating (RMS): 200 – 1000 KW Power + 125% Peak Modulation

RF Input: Box Line 10 ½" x 10 ½" square line

Stabilized VSWR: 1.05:1

Accurate Power Measurement: Digital Calorimetric Range 10 to 100% FSR Accuracy ±< 4% FSR

Dimensions: (Model 40500): 60 in. W x 72 in. L x 82 in. H (Nominal)
152.4cm x 182.9cm x 208.3cm

Weight: (Model 40500) 2800 lbs/1270kg (with crate)

Cooling medium: SR1 10-40% + distilled water

Load rating based on optimum clean system conditions.

Load derates @ less than optimum conditions.



Available in 200 KW
up to 1000 KW