GENERAL

Load Type
Medium wave, 50 kW

Maximum Continuous Power Rating
75 kW

Input Connections
3 1/8" EIA, side mounted

Frequency
530 - 1700 kHz

VSWR
1.05:1 Max

CONSTRUCTION

Materials
Iridited 5052 aluminium
Baked on exterior enamel finish
Compatible metals and finishes

Resistor Elements
Non inductively wound wire wound resistors (non film)
Resistors are screw mounted, not clip-in type

AC INPUT

Voltage
400 VAC ± 15%
3 phase, 50 Hz, 15 A
60 Hz available (consult factory)

ENVIRONMENTAL

Temperature Range
-20 to 50° C

Climate
Suitable for indoor or outdoor use
Fully sealed and slanted top to prevent water penetration
Louvered front and back panels to allow air flow and prevent water from entering unit

Humidity Range
0-95% non condensing

Altitude
Consult Factory

Cooling Air Requirements

Forced Air
25,000 CFM

SAFETY

Safety Requirements
Meets IEC 215 Safety Requirements

PHYSICAL

Dimensions
184 cm H x 202.6 cm W x 212.6 cm D
(72.4" H x 79.7" W x 83.7" D)

Weight
509 kg (1122 lbs)

CONTROL AND MONITORING

All connections and monitoring are visible within side mounted NEMA 4 control box. Control box features fully lockable front entry door with Plexiglas window for easy monitoring of lamps and meters while keeping panel secure. Control box is permanently affixed to unit.

Metering

Cabinet temperature meters visible in control panel

Monitoring/Protection

Internal 24 VAC interlock loop
Thermal sensor in resistor bank
Air temp monitor with user adjustable trip set point
Remote interlock shuts down transmitter in case of cooling fault - contact closure when cooling OK
Low air flow sensor
Phase rotation monitor to inhibit operation if phase rotation is incorrect
Phase imbalance monitored

Status

All status indicators visible within control box

Remote Control

Remote On/Off

Remote Monitoring

Optional Delta probe
RF monitor available via transmitter interface

SHIPPING AND INSTALLATION

Shipping

Unit is shipped in a custom, fully padded crate to ensure safe arrival

Installation

Floor mounted unit stands on feet to allow for fork lift access