

# RC-400<sup>®</sup> General Specifications

## Mechanical

Dimensions: Height = 62.5", Width = 26", Depth = 27 3/4"  
Weight: 180 lbs. Approx. (without batteries and/or equipment)  
Material: 5052-H32, 0.125" thick aluminum  
Finish: Beige, smooth, liquid coated, high solids polyurethane  
Equipment rack: 23" standard EIA hole spacing, 12-14 tap, with 25 rack units of available equipment space  
Cable Access: VF(2" dia) 5 ea., Fiber (1" dia) 1 ea, Power (0.75 dia) 2 ea.

## Grounding

10 position grounding bar

## Security

Equipment Bays: Standard telecom 7/16" hex nut key  
Base: 7/16" shrouded hex-bolts on cable access panels

## Compliance

Thermals: Complies with Telcordia GR-487-CORE, Section 3.26  
Environmental: Complies with UL-50, UL- 1950/CSA-C22.2 (NEMA Type 3R)  
Acoustic: Complies with Telcordia GR-487-CORE, Issue 2, 65 dBa requirement

## Mounting

Pad, Pole, H-Mount

## Equipment Options

### Electrical:

AC Input: 110/220VAC, 50/60Hz, 60A max. (110VAC standard disconnect)  
DC Distribution: -48VDC  
Generator connection (optional)  
Low Voltage Disconnect  
GFCI Convenient Outlet

### Alarms:

AC failure  
DC Rectifier Failure  
Over Temperature  
Intrusion (Door)  
Low Voltage Detection  
Remote alarm reporting optional

### Back-up Battery Storage:

Inside cabinet: 2 strings ( battery string consists of 4 each, GS - PWL 12V/38AH batteries)  
Battery Base 3 strings (battery string consists of 4 each GS - PWL 12V/38AH batteries)  
\* Configuration limits depends on equipment configuration.  
Optional: Inside 1 string of GS - PWL 12V125AH Batteries, Base: 1 String GS - PWL 12V/125AH Batteries

### Copper VF Protection:

5-pin (Marconi) standard 100 pair block standard  
(max internal protection to 400 lines)

### Cross-Connect:

Equipment: RJ21 (25pair) CAT3 standard (CAT5E optional)  
OSP: MS2 (punchdown standard (internal cross-connect only)), 710 and MS2 stackable optional  
(max internal cross-connection to 400 lines)

### Thermals Controlled to 149F:

Max power consumption (equipment) @ 115F (ambient) is 2200 watts  
Max power consumption (equipment) @ 125F (ambient) is 1800 watts



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