

# RC-100<sup>®</sup> General Specifications

## Mechanical

Dimensions: Height = 38", Width = 18.5", Depth = 15.25"  
Weight: 53 lbs. Approx. (without batteries and/or equipment)  
Material: 5052-H32, 0.125" thick aluminum  
Finish: Beige, smooth, liquid coated, high solids polyurethane  
Equipment rack: 19" standard EIA hole spacing, 12-14 tap, with 8 rack units of available equipment space  
Cable Access: VF(2" dia) 2 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, 20A max. (110VAC standard disconnect)  
DC Distribution: -48VDC 15A max with redundancy.  
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: 1 strings ( battery string consists of 4 each, GS - PWL 12V/38AH batteries)  
Battery Base 1 strings (battery string consists of 4 each GS - PWL 12V/38AH batteries)  
\* Configuration limits depends on equipment configuration.

### Copper VF Protection:

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

### Thermals Controlled to 149F:

Max power consumption (equipment) @ 115F (ambient) is 1250 watts  
Max power consumption (equipment) @ 125F (ambient) is 900 watts