

Rapid Deployment Cabinet

The Rapid Deployment Cabinet by Council Rock is an IP66 cabinet offering integration flexibility and protection for your field communications assets.

The Rapid Deployment Cabinet package is capable of incorporating your field communication devices providing them with power, battery backup and full electrical protection. The cabinet is designed to easily manage internal power and antenna cables making serviceability a smooth task.

The cabinet is equipped with a Battery Management System with conditioning capability

to extend the useful life of the battery bank. The battery management system also provides hitless switching to backup power in the event of main source power failure. Remote monitoring of the cabinet's power system health is available as an option.

Different size options allow flexibility for your deployments, providing a solution for any installation, whether available space is a constraint or ample footprint is needed for installation and field maintenance of the devices inside the cabinet.

FEATURES

- 1 Easy to deploy
- 2 Equipment Protection from extreme weather conditions
- 3 Fully designed, with access to electrical, mechanical and power system schematics
- 4 Mounting kits designed for pole or wall mount installation
- 5 Battery banks for up to 5 days*
- 6 Speeds up integration of renewables onto your network
- 7 Designed to accommodate your future applications
- 8 Equipped with Din Rails for easy component installation
- 9 Rugged construction



*Configuration dependant



Mounting kits designed for pole or wall mount installation.

MECHANICAL SPECIFICATIONS

- Dimensions: 2 standard sizes:

- 26 in. x 16 in. x 10 in.

- 16 in. x 16 in. x 10 in.

- Enclosure Material: Aluminum/Carbon Steel/Fiberglass options

ENVIRONMENTAL SPECIFICATIONS

- Temperature Range: -40°C to +50°C
Includes temperature consideration for the battery(s)

- Enclosure type: IP66



ELECTRICAL SPECIFICATIONS

- Input Power: 90-264VAC, 47 - 63Hz

- Electrical Protection: Overload, short circuit, Thermal protection, Input undervoltage lockout, Output overvoltage

- Output power: 480W @48 or 24 VDC standard. 960W @48VDC optional.

- Secondary output power: 240W/10A @24VDC optional

- Backup Power: 576 Wh capacity Sealed lead acid battery bank. Lithium battery bank optional for extended battery life.

- Hitless transition to power backup when main source fails.

- Backup System Protection: Overcurrent, deep discharge and reverse polarity

COMMUNICATIONS SPECIFICATIONS

- Antenna: 5dBi Multi-band MIMO antenna for bands 694-960 MHz, 1710-2170 MHz and 3300-3800 MHz

- System Capable Of Measuring And Report: battery voltage level,load current consumption,enclosure temperature and battery charging current optional when equipped with TELiG

- External Tamper Switch with message alerts