

Charles Indoor Battery Racks - Modular (CIBR-M)

Modular indoor rack systems for secure storage and easy access to Saft Tel.X Ni-Cd batteries

Charles Indoor Battery Racks (CIBR) are modular, seismic Zone 4 rated (GR-487 certified) battery rack systems designed to fit the footprint of Saft Tel.X Ni-Cd batteries. In addition to several standard configurations, there are also single tray options that can be built on site. This flexible, modular design allows for installation in areas where it would not be practical or even possible to use a full-size, one-piece rack; such as rooftops, COWs/COLTs, small shelters, or other sites with limited access. It also gives the installer the flexibility to size the system for their particular needs, and have the ability to grow-as-you-go if necessary. The available equipment rack space above the battery trays will accommodate a power system. There are standard configurations that can be ordered with and without a power system installed.

Product Features

- Sturdy 10-gauge welded steel construction, off white powder-coated finish
- Seismic Zone 4 rated (GR-487 certified) for shock, vibration and seismic resistance
- Each tray accommodates 1 string of Saft Tel.X 180 Ni-Cd batteries (Saft P/N 80-94693-02)
- 120 Amp Anderson disconnects for each battery string
- Modular design for field expandability and use in tight spaces
- Fully factory wired
- Temporary shelf for ease of battery installation (sold separately)

MADE IN THE
USA



CIBR-4306N180A2
3 Battery Trays



CIBR-4606N180A2
6 Battery Trays

Product Specifications

Part Number	Voltage	Overall Size HxWxD (in.)	# of Battery Trays	Equipment Mounting Space	Battery Type	Battery Size	Battery Connection	Integrated Power	Weight (lbs) Empty / With Batteries
CIBR-4100N180A1	48VDC	12"x31"x29"	1	None	Ni-Cd	172 Ah	Anderson Disconnect	None	130 / 466
CIBR-4106N180A1	48VDC	29"x31"x29"	1	6 RU	Ni-Cd	172 Ah	Anderson Disconnect	None	170 / 506
CIBR-4106N180A2	48VDC	29"x31"x29"	1	6 RU	Ni-Cd	172 Ah	Anderson Disconnect	GE Infinity S, 48/24V 400A CC150033100 - 23"	210 / 546
CIBR-4306N180A1	48VDC	53"x31"x29"	3	6 RU	Ni-Cd	172 Ah	Anderson Disconnect	None	430 / 1438
CIBR-4306N180A2	48VDC	53"x31"x29"	3	6 RU	Ni-Cd	172 Ah	Anderson Disconnect	GE Infinity S, 48/24V 400A CC150033100 - 23"	470 / 1478
CIBR-4506N180A1	48VDC	77"x31"x29"	5	6 RU	Ni-Cd	172 Ah	Anderson Disconnect	None	690 / 2370
CIBR-4506N180A2	48VDC	77"x31"x29"	5	6 RU	Ni-Cd	172 Ah	Anderson Disconnect	GE Infinity S, 48/24V 400A CC150033100 - 23"	730 / 2410
CIBR-4606N180A1	48VDC	89"x31"x29"	6	6 RU	Ni-Cd	172 Ah	Anderson Disconnect	None	820 / 2706
CIBR-4606N180A2	48VDC	89"x31"x29"	6	6 RU	Ni-Cd	172 Ah	Anderson Disconnect	GE Infinity S, 48/24V 400A CC150033100 - 23"	860 / 2746

Accessories

Part Number	Description
97-002145-A	Temporary Shelf Kit (supports Battery String and Wiring during Battery Installation)

Please call Charles Industries at (847) 806-6300 for additional product or ordering information.



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D-OSP160-F15