MODULAR BATTERY RACKS
FOR LIBERTY SERIES 1000®

C&D Technologies modular battery racks are designed to be flexible, durable, and easy to install. Engineered for use with C&D's Liberty Series 1000® batteries, these modular racks fit virtually any requirements.

Open rack

Enclosed rack with panels

APPLICATIONS

- **Telecommunications**
  - **Private Branch Exchange (PBX)**
  - **Fiber Optic & Microwave sites**
  - **Outside Plant Facilities**
- **UPS**
  - **Data Centers**
  - **Industrial Process Control Facilities**
  - **Emergency 911 Response Centers**
  - **Air Traffic Control Centers**
- **Switchgear & Control**
  - **Portable Battery Trailers for Substation Battery Testing**
  - **Monitoring & Control Systems**

FEATURES & BENEFITS

FLEXIBLE
- Stackable modules easily accommodate system expansion.
- Optional panels are available to completely enclose rack, providing a cabinet like appearance.
- Rack modules can be arranged end-to-end, back-to-back, and in tiered configurations.

DURABLE
- High-quality construction guarantees longer life.
- Acid-resistant paint is scratch-resistant and chip proof.

EASY TO INSTALL
- Rack can be ordered to ship fully assembled, requiring only onsite battery installation.
- Rack can ship unassembled as lower cost option.
- Racks are free standing, however floor-anchoring holes are provided (anchor bolts not supplied).

ACCESSIBLE
- Open rack allows easy maintenance and service.
- Optional panels remove easily to provide four-side access.

SEISMIC ZONE 4
- Standard modules vertically stacked and properly anchored meet 1994 UBC Zone 4 requirements (0.9g) up to four tiers.
- Five-tier modular rack with panels available for lower seismic applications (Zone 3, 0.675g).
- Special five-tier rack with bolt-on bracing is available that meets UBC Zone 4 requirements (panels not available).
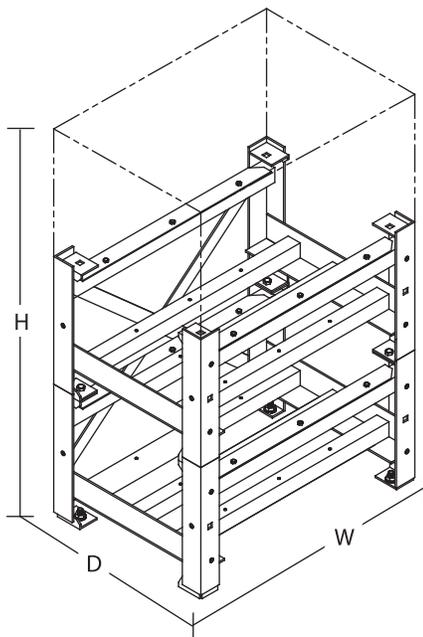
C&D TECHNOLOGIES
Power Solutions

C&D TECHNOLOGIES® Liberty

RACK SPECIFICATIONS

Model	Seismic Zone	Number of Tiers	Width in (mm)	Depth in (mm)	Height in (mm)	Weight* lbs (kgs)	Optional panels lbs (kgs)
29.00-in Racks							
RD01615	4	1	29.00 (736)	20.25 (514)	15.44 (392)	65 (30)	50 (23)
RD01616	4	2			30.44 (773)	130 (59)	80 (36)
RD01617	4	3			45.44 (1154)	195 (89)	112 (51)
RD01618	4	4			60.44 (1535)	260 (118)	144 (65)
RD01678**	4	5		25.25 (641)	75.44 (1916)	400 (181)	N/A
RD01623	3	5		20.25 (514)	75.44 (1916)	325 (148)	176 (80)
43.50-in Racks							
RD01263	4	1	43.50 (1105)	20.25 (514)	15.44 (392)	80 (36)	62 (28)
RD01264	4	2			30.44 (773)	160 (72)	102 (46)
RD01265	4	3			45.44 (1154)	240 (109)	142 (64)
RD01266	4	4			60.44 (1535)	320 (145)	182 (83)
RD01670**	4	5		25.25 (641)	75.44 (1916)	475 (216)	N/A
RD01262	3	5		20.25 (514)	75.44 (1916)	400 (181)	222 (101)

*Does not include the weight of the batteries, strictly empty rack weight

**Panels not available for this model

For racks with panels, use suffix "WP" with model number
(Example: RD01263WP specifies single tier rack with panels.)
Add 2.50 inches for each end panel, 0.75 inches for each front
or rear panel, and 0.81 inches for the top panel.

Isometric Rack View

MAXIMUM RACK LOADING (NUMBER OF UNITS)

Model	LS12-100 (J) thru LS2-600 (J)
29.00-in Racks	
RD01615	4
RD01616	8
RD01617	12
RD01618	16
RD01678**	20
RD01623	20
43.50-in Racks	
RD01263	6
RD01264	12
RD01265	18
RD01266	24
RD01670**	30
RD01262	30

Note: Will fit LS12-100 through LS2-600 standard batteries and those with jackets.

For information on the Liberty Series 1000 batteries, please refer to brochure 12-373.

C&D TECHNOLOGIES, INC.