

BATTERY CABINET SYSTEMS

FOR TOP TERMINAL & FRONT ACCESS UPS BATTERIES



BATTERY CABINET SYSTEMS

Battery cabinet systems are available direct from C&D Technologies, a leading manufacturer of Mid-Sized and Enterprise Level Critical System battery protection. Systems arrive installed with battery breaker, battery cabling and batteries. Every completed unit is tested for system integrity and ships as a low voltage system to minimize damage during transport. Cabinets are ready to connect to UPS upon installation.

Powder-coated steel cabinets are UL1778 listed and designed for IBC seismic compliance. Circuit breakers are provided for system protection. Cabling is UL recognized flexible type to reduce stress on battery connections.

Mechanical robustness, approved electrical disconnects and high quality C&D batteries all combine to provide an easily installed complete battery system with the finished appearance of a UPS cabinet.

APPLICATIONS

- Data Centers
- Network Operations Centers
- Industrial Process Control Facilities
- Internet Hosting Sites
- Semiconductor Manufacturing
- Banks & Financial Markets
- Power Generation Plants
- Hospitals & Testing Laboratories
- Emergency 911 Response Centers

FEATURES & BENEFITS

- Welded heavy gauge steel construction
- Acid resistant powder coated finish
- Front and back accessible to standard material handling equipment
- Frame designed for easy on site loading of batteries
- Can be installed in single or multiple lineup, bolted together back to back and/or side to side
- Dedicated area for electrical output connections and cable routing
- Knockouts sized and located to accommodate up to 4" conduit
- Optional monitor harness installation
- DC rated breaker with UVR or shunt trip and Aux. contacts
- Removable breaker mount for other optional output connections on select models
- Batteries are held in place by individual battery rails for proper battery spacing and air flow
- Designed for IBC 2006 seismic ratings
- Battery monitor friendly with the tab washers installed on each battery
- Open rack option available for all cabinets
- Online quoting

CABINETS - DYNASTY TOP TERMINAL BATTERIES

BATTERY CABINET SYSTEMS

- Three standard models - IP2C, IP3 & IP5
- UL listed up to 600 AMPS
- Specifically designed to fit Dynasty High Rate Max top terminal batteries
- Quality valve-regulated, Absorbent Glass Mat batteries for UPS applications. Patented long-life alloy, proprietary plate pasting technology, and leak-free case-to-cover bonds provide the reliable operation and long life for which Dynasty batteries are known. See brochure 12-1029 for more information.
- C&D Liberty 1000 battery configurations available upon request



CABINETS SPECIFICATIONS

Cabinet Model	Width in	Depth in	Height in	Weight Empty lbs.	Maximum Weight Cabinet w/Batteries	Maximum kWb per Cabinet ¹ 15 Min kWb @ 1.67EPV at 77°F(25°C)
					lbs. <i>UPS12-540MR</i>	1 String, 480VDC
IP2C	26.22	32.48	82.00	400	3010	49.5 <i>UPS12-210MR</i>
IP3	32.97		82.12	560	3910	49.5 <i>UPS12-210MR</i>
IP5	40.22		82.12	640	4790	128.9 <i>UPS12-540MR</i>

¹Notes:

- The above listed DC power ratings are for individual cabinets based on the largest High Rate Max battery that will fit.
- Other power ratings can be configured within each cabinet model by changing battery model.
- The power rating for any given DC voltage can be increased by paralleling cabinets.

Quantity of UPS High Rate Max batteries that fit into each cabinet model

Cabinet Model	UPS12-150MR	UPS12-210MR	UPS12-300MR, UPS12-350MR, UPS12-400MR, UPS12-490MR, UPS12-540MR
IP2C	60	40	24
IP3	80	60	32
IP5	80	60	40

Top Terminal Battery Weights

Model	UPS12-150MR	UPS12-210MR	UPS12-300MR	UPS12-350MR	UPS12-400MR	UPS12-490MR	UPS12-540MR
lbs	27.3	40.0	58.4	67.4	75.8	100.0	100.0

CABINETS - DYNASTY TRUE FRONT ACCESS BATTERIES

BATTERY CABINET SYSTEMS

- Specifically designed to fit Dynasty Front Terminal batteries
- Doors and panels removable for easy installation and maintenance
- Locking doors with pocket for manuals and maintenance records
- Designed to IBC 2006 seismic ratings
- Systems are delivered pre-assembled, wired and tested for quicker, easier installation



CABINET SPECIFICATIONS

Cabinet Model	Battery Model	Width in	Depth in	Height in	Weight Empty lbs	Maximum Weight Cabinet w/Batteries lbs	Maximum kWb per cabinet ¹ 15 min kWb @1.67EPV at 77°F	Maximum # Batteries/ Cabinet
IP4F12	615MRF	49.72	26.80	68.35	760	4590	117.9	32
IP4F12	700MRF	49.72	26.80	68.35	760	5100	133.8	32
IP5F12	615MRF	49.72	26.80	82.12	840	5590	147.4	40
IP5F12	700MRF	49.72	26.80	82.12	840	6230	167.3	40
IP6F4D	745MRF	60.72	31.50	82.00	1035	6660	159.4	36
IP7F4D	745MRF	73.00	25.000	82.00	1100	7330	178.1	40

Notes:

¹ The power rating for any given DC voltage can be increased by paralleling cabinets

DYNASTY TRUE FRONT ACCESS BATTERIES



- UPS12-700MRF Weight: 131 lbs
- UPS12-615MRF Weight: 115 lbs

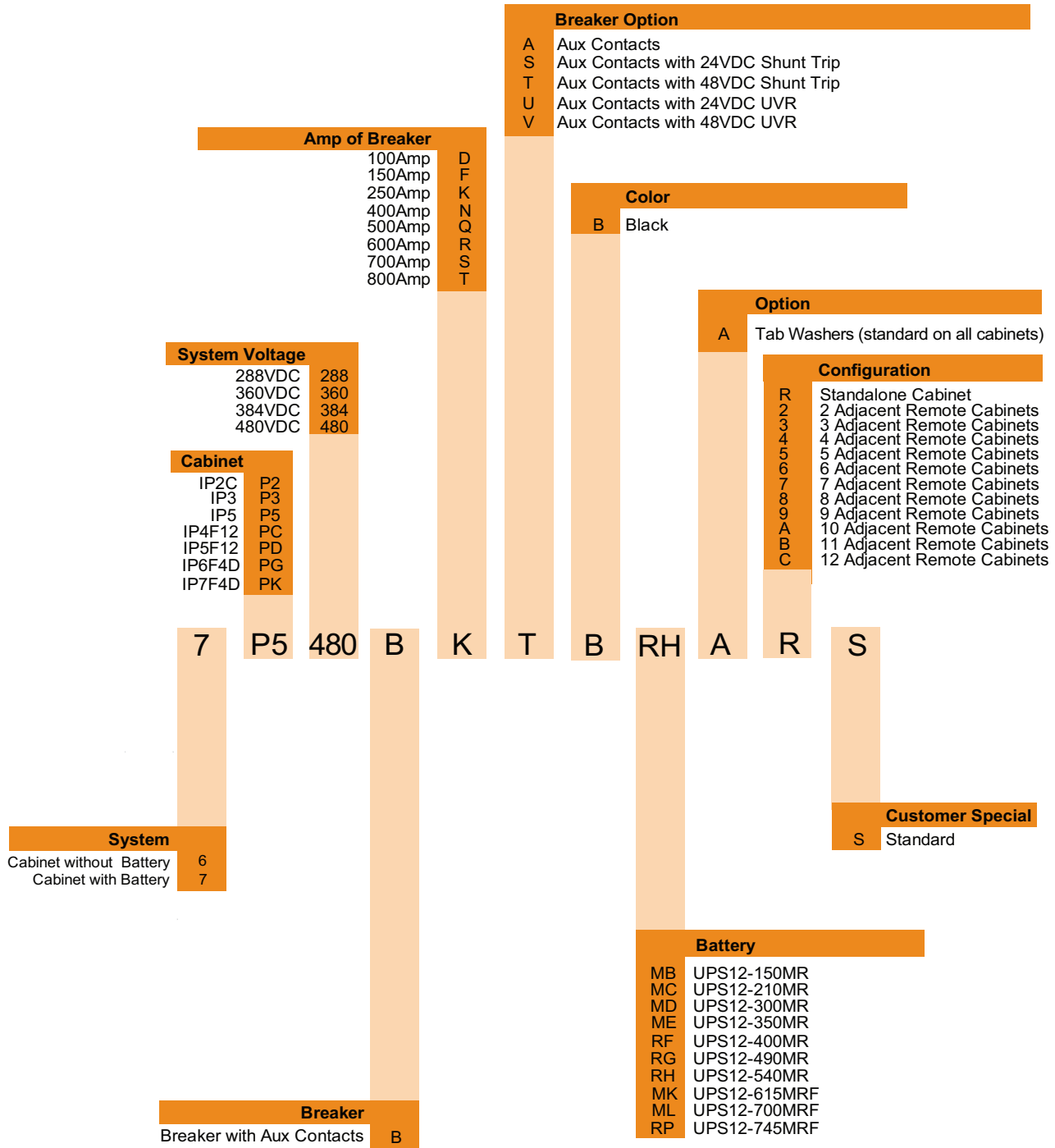


- UPS12-745MRF Weight: 152 lbs

Model Number System 7P5480BKTBRHARS

Part Number Includes: (1) IP5 stand-alone cabinet in black, (1) 500VDC/250A breaker with aux. contacts and 48 VDC shunt trip, and cabling and installation of (40) UPS12-540MR batteries with tab washers.

How to Configure
<http://cdtechno.intrapack.com>



Note: System kWb, runtime and FVPC (final voltage per cell) are required for purchase order

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