



C&D BATTERY CABINET SOLUTIONS

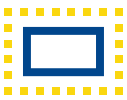
C&D Battery Cabinet Solutions offers integrated cabinets and backup power for your data center UPS system. Through a simplified process, you can design, configure, and order a turnkey data backup power system based on your unique needs.



BENEFITS



SEAMLESS & CONVENIENT PROCESS: Interact with our team of experts to help you configure the design based on your unique needs and issue a single PO for both battery and cabinets



SAVE CRITICAL SPACE: Reduce your UPS system footprint by up to 28% with the C&D 1005 Pure Lead Battery Cabinet Solution



SUPERIOR QUALITY: Cabinets are designed to meet the latest UL standards and with improved cooling profiles to maintain optimal battery life



SAFE & SIMPLIFIED MAINTENANCE: Cabinets can be equipped with True Front Access (TFA) design batteries to make it safer to install and easier to maintain thanks to TFA layout and Ohmic Ring

FEATURES

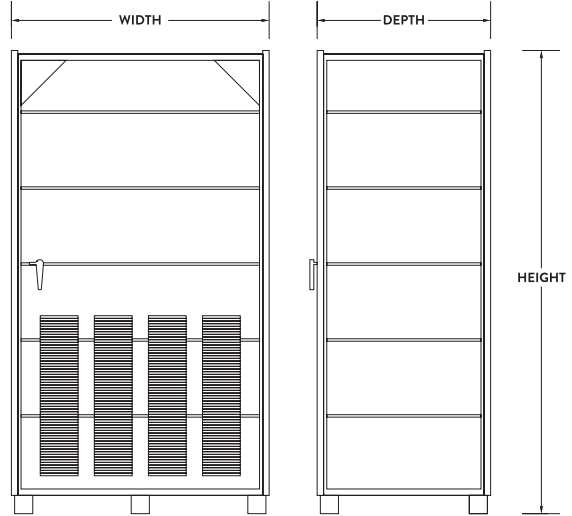
- Options available for both seismic and non-seismic environments
- Hinged, locking front doors and heavy-duty casters on select cabinets for security and mobility
- Welded, heavy gauge steel construction with added supports enables years of durable use
- Chip-resistant powder coat finishes available in a range of colors

CERTIFICATION

- UL1778 5th edition
- CSA C22.2 No. 107.3-14, 3rd edition
- IBC and CBC Category F

SPECIFICATIONS

CABINET MODEL				
CABINET TYPE	WIDTH (IN)	HEIGHT (IN)	DEPTH (IN)	WEIGHT (LB)
TOP TERMINAL	36	78.7	29.5	488
FRONT TERMINAL	46.5	84	35.6	1000
FRONT TERMINAL 1000	56	84	30	1100



SYSTEM RUNTIME IN MINUTES PER STRING – AT END OF LIFE (EOL)																					
SYSTEM SIZE		300 KWB					500 KWB					750 KWB					1000 KWB				
NUMBER OF STRINGS		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
BATTERY MODEL	UPS12-305PLP/PLM	-	1	6	10	15	-	-	1	3	6	-	-	-	-	1	-	-	-	-	-
	UPS12-355PLP/PLM	-	3	8	13	18	-	-	2	5	8	-	-	-	1	3	-	-	-	-	1
	UPS12-405PLP/PLM	-	3	9	15	22	-	-	2	6	9	-	-	-	1	3	-	-	-	-	1
	UPS12-495PLP/PLM	-	5	13	22	31	-	-	3	9	13	-	-	-	2	5	-	-	-	-	1
	UPS12-545PLP/PLM	-	7	16	25	35	-	-	6	10	16	-	-	-	3	7	-	-	-	-	3
	UPS12-605PLP/PLM	-	9	18	27	38	-	1	7	13	18	-	-	1	4	9	-	-	-	1	4
	UPS12-675PLPF/PLM	-	11	22	34	46	-	2	9	15	22	-	-	2	6	11	-	-	-	2	5
	UPS12-705PLPF/PLM	-	13	24	38	51	-	3	11	17	24	-	-	3	8	13	-	-	-	3	7
	UPS12-1005PLPF/PLM	5	21	38	55	74	-	9	18	28	38	-	2	9	15	21	-	-	3	9	14

RUNTIME IN MINUTES FOR EACH COMBINATION

NUMBER OF STRINGS REQUIRED TO ACHIEVE END OF LIFE (EOL) RUNTIMES*																						
EOL RUNTIME		5 MINUTES EOL						10 MINUTES EOL						15 MINUTES EOL								
SYSTEM KVA		150	300	500	750	1000	1200	1500	150	300	500	750	1000	1200	1500	150	300	500	750	1000	1200	1500
BATTERY MODEL	UPS12-305PLP/PLM	2	3	5	7	10	-	-	3	5	7	-	-	-	-	3	6	9	-	-	-	-
	UPS12-355PLP/PLM	2	3	4	6	8	10	-	2	4	6	9	-	-	-	3	5	8	-	-	-	-
	UPS12-405PLP/PLM	2	3	4	6	8	9	-	2	4	6	8	-	-	-	2	4	7	10	-	-	-
	UPS12-495PLP/PLM	1	2	4	5	7	8	10	2	3	5	7	9	-	-	2	4	6	9	-	-	-
	UPS12-545PLP/PLM	1	2	3	5	6	7	9	2	3	4	6	8	10	-	2	3	5	8	10	-	-
	UPS12-605PLP/PLM	1	2	3	5	6	7	9	2	3	4	6	7	9	-	2	3	5	7	9	-	-
	UPS12-675PLPF/PLM	1	2	3	4	5	6	8	1	2	4	5	7	8	10	2	3	4	6	8	10	-
	UPS12-705PLPF/PLM	1	2	3	4	5	6	7	1	2	3	5	6	7	9	2	3	4	6	8	8	-
	UPS12-1005PLPF/PLM	1	1	2	3	4	4	5	1	2	3	4	5	6	7	1	2	3	4	6	6	8

NUMBER OF STRINGS REQUIRED TO ACHIEVE DESIRED RUNTIME

* Assumptions used: Power Factor = 97%, Inverter Efficiency = 96%, 1.67 epv



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