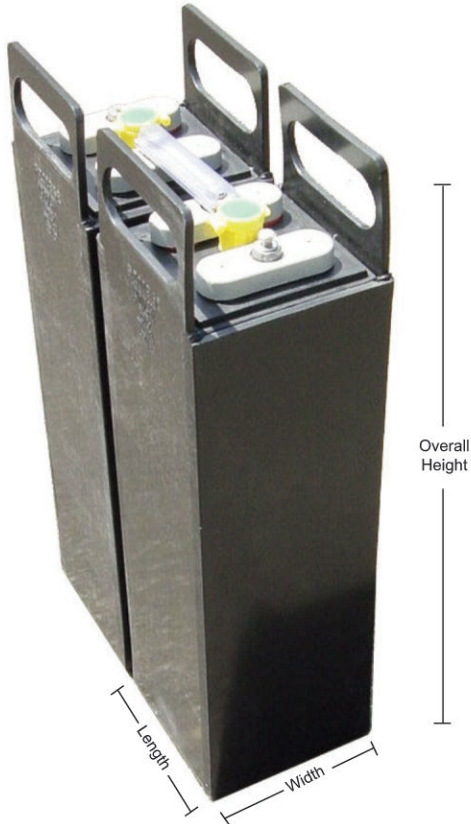


CPV™ For Renewable Energy Storage



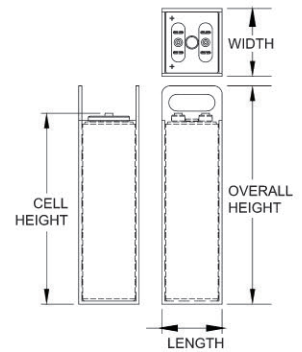
C&D Technologies' offers a line of renewable energy storage battery products. The CPV, with its low antimony/selenium grid, provides superior performance for both high cycling and float/long duration applications. This flooded battery is designed to be easy to install and maintain for long life and reliability.

FEATURES AND BENEFITS

- Special low antimony/selenium grid alloy for reduced watering requirements
- Rugged construction for robust performance
- Exceptional cycle life due to grid design and proprietary plate wrapping system
- Improved safety and ease of watering with standard flame arresting flip-top vent caps
- Individual High Density Poly Trays for easy transport, improved heat management, secondary containment, and improved electrical isolation
- Individual cell trays offer easy handling, installation, and changeout as well as ability to install without racks
- Electrolyte reservoir for longer watering intervals
- Lead-plated copper inter-cell connections and stainless steel hardware included for lower maintenance and higher reliability

AVAILABLE OPTIONS

- One and two row racks
- Watering wands
- Watering carts



SPECIFICATIONS

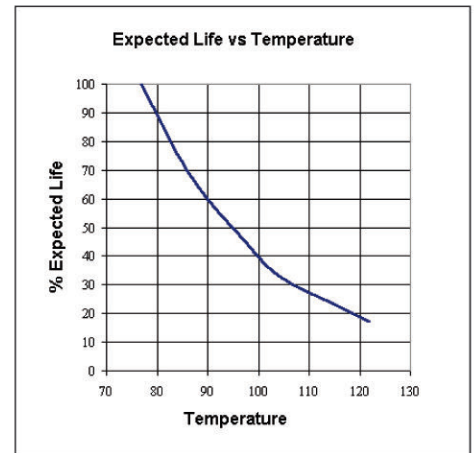
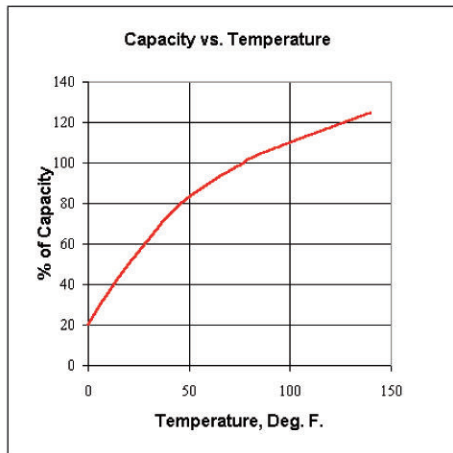
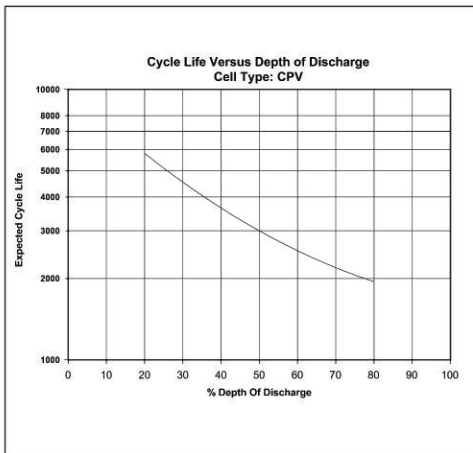
Model	Cell Weight		Battery in Tray Dimensions									
			Length		Width		Cell Height		Overall Height		Overall Weight	
			in	mm	in	mm	in	mm	in	mm	lbs	kg
CPV1330	169	77	7.06	179	10.19	259	22.44	570	26.00	660	184	84
CPV1440	182	83			10.94	278					198	90
CPV1660	207	94			12.44	316					224	102
CPV1770	219	100			13.19	335					236	107
CPV2030	258	117			10.94	278					277	126
CPV2340	294	134			12.44	316	315	143				
CPV2500	312	142			13.19	335	30.78	782	33.56	852	333	151

Note: Length is used to calculate rack length - add 0.75 inch between each cell. Width is used to determine rack depth.

PERFORMANCE RATINGS

Cell Model	Amp-hour capacity @ 77F (25C)									
	to 1.70 Vpc		to 1.85 Vpc				to 1.90 Vpc			
	6 Hr Capacity		12 Hr Capacity		24 Hr Capacity		48 Hr Capacity		100 Hr Capacity	
	Ah	KWh	Ah	KWh	Ah	KWh	Ah	KWh	Ah	KWh
CPV1330	1020	1.97	1094	2.14	1238	2.47	1189	2.41	1278	2.59
CPV1440	1105	2.13	1186	2.32	1342	2.67	1289	2.61	1385	2.81
CPV1660	1275	2.46	1368	2.68	1548	3.08	1487	3.01	1598	3.24
CPV1770	1360	2.62	1459	2.86	1651	3.29	1586	3.21	1704	3.46
CPV2030	1625	3.14	1677	3.29	1769	3.52	1654	3.35	1846	3.74
CPV2340	1875	3.62	1935	3.80	2041	4.06	1908	3.87	2130	4.32
CPV2500	2000	3.86	2064	4.05	2177	4.33	2035	4.12	2272	4.61

BATTERY CHARACTERISTICS



BATTERY SPECIFICATIONS

Grid Alloy Material:	Low antimony/selenium	Float Voltage:	2.28 to 2.33 Vpc
Electrolyte Specific Gravity:	1.285 @ 77F (25C)	Voltage Regulation Setting:	2.45 to 2.48 Vpc
Jar & Cover Material:	Polypropylene	Equalize Voltage:	2.50 to 2.55 Vpc
Tray Material:	High Density Polypropylene/Polyethylene	Temperature Correction Factor:	+2.8mV/degF below 77F (25C) -2.8mV/degF below 77F (25C)
Torque:	160in-lbs [18N-m]	CPV 1330, 1440, 2030 Sizes	
Re-Torque:	150in-lbs [17N-m]		
Torque:	110in-lbs [12N-m]	CPV 1660, 1770, 2340, 2500 Sizes	
Re-Torque:	100in-lbs [11N-m]		



1400 Union Meeting Road
 P.O. Box 3053 • Blue Bell, PA 19422-0858
 (215) 619-2700 • Fax (215) 619-7899 • (800) 543-8630
 customersvr@cdtechno.com
 www.cdtechno.com

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