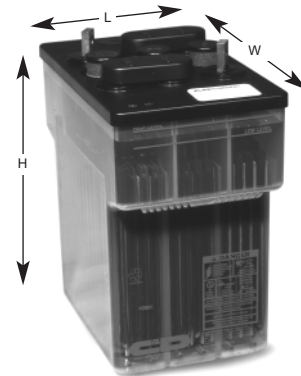




# XDJ Lead-Calcium Battery

## FOR UPS APPLICATIONS

CAPACITIES FROM 0.355 TO 0.650 KILOWATTS PER CELL



Every cell  
**100%**  
capacity tested

XDJ SERIES BATTERY

C&D Technologies' flooded batteries are engineered to provide superior performance and reliability over the life of the product. These batteries are designed using proprietary techniques and quality components and materials for reduced maintenance and extended battery life.

### FEATURES & BENEFITS

#### RELIABILITY

- Time tested epoxy post seal and reliable tongue and groove jar-to-cover seal designs provide increased adhesive coverage area — offering unprecedented seal integrity during service
- Top suspended positive plate design allows free downward growth without pressure on jar, cover, or post seal — extending reliability and product life
- Recessed vent area to collect water and acid spills, keeping them away from posts and cover — lowering maintenance and clean-up costs
- U-wrapped separator design extends cycle life — improving product reliability

#### SAFE OPERATION

- High impact resistant jar material (UL94V-0; ASTM D-635 self-extinguishing, LOI >32) — providing added protection
- Snap-on intercell connector covers protect against objects and electrical shorts — preventing hazardous situations

- Low evaporation, flame arrestor vents protect against external source from igniting hydrogen gas within the cells — improving safety

#### COST SAVINGS

- Unique jar design facilitates installation
- Compact, optimized product size nets up to 40% floor space reduction — saving valuable space
- Angled posts use standard lead-plated copper connectors and improved post to connector contact — lowering resistance and allowing for quicker installation

#### WARRANTY

- 3-year full, 17-year prorata

The new 20-year design life XDJ batteries incorporate these benefits in a transparent container for visual inspection of plates and individual cell voltage taps on the connector covers for cell voltage readings.

### SPECIFICATIONS

<b>Electrolyte @77F (25C)</b>	XDJ 1.215 specific gravity acid XDJC 1.250 specific gravity acid
<b>Recommended float voltage range</b>	2.21–2.22 volts per cell (1.215 specific gravity) 2.25–2.26 volts per cell (1.250 specific gravity)
<b>Life expectancy @77F (25C)</b>	20 years on full float service
<b>Cover material</b>	High impact, flame retardant thermoplastic, LOI>32, UL94V-0
<b>Container material</b>	Transparent, high-impact, flame retardant thermoplastic, LOI>32, UL94V-0
<b>Separator material</b>	U-wrapped, microporous with fibrous mat
<b>Terminal type</b>	Hardened lead terminal
<b>Terminal torque values</b>	Initial torque: 110 in-lbs (12.4 N-m), retorque: 100 in-lbs (11.3 N-m)
<b>Safety vent</b>	Flame arrestor, low evaporation type

C&D capacity tests every XDJ battery to 100% of published rating which ensures 100% capacity out-of-the-box (no need to field cycle the batteries to reach rated capacity). This saves time and money for users.





**SPECIFICATIONS**

**1.215 Specific Gravity**

Type of battery	Part number	Cells per unit	Plates per cell	L in (mm)	Dimensions W in (mm)	H in (mm)	Approx. wt. lbs (kg)	Electrolyte per cell gal (l)
3XDJ-7	CW17653-PVC	3	7	8.09 (205.5)	13.58 (344.9)	15.22 (386.6)	96 (44)	1.19 (4.50)
3XDJ-9	CW17654-PVC	3	9				114 (52)	1.06 (4.01)
3XDJ-11	CW17655-PVC	3	11				132 (60)	0.92 (3.48)
2XDJ-7	CW17656-PVC	2	7				64 (29)	1.19 (4.50)
2XDJ-9	CW17657-PVC	2	9				76 (34)	1.06 (4.01)
2XDJ-11	CW17658-PVC	2	11				88 (40)	0.92 (3.48)

**1.250 Specific Gravity**

Type of battery	Part number	Cells per unit	Plates per cell	L in (mm)	Dimensions W in (mm)	H in (mm)	Approx. wt. lbs (kg)	Electrolyte per cell gal (l)
3XDJC-7	CW17653-PVC	3	7	8.09 (205.5)	13.58 (344.9)	15.22 (386.6)	96 (44)	1.19 (4.50)
3XDJC-9	CW17654-PVC	3	9				114 (52)	1.06 (4.01)
3XDJC-11	CW17655-PVC	3	11				132 (60)	0.92 (3.48)
2XDJC-7	CW17656-PVC	2	7				64 (29)	1.19 (4.50)
2XDJC-9	CW17657-PVC	2	9				76 (34)	1.06 (4.01)
2XDJC-11	CW17658-PVC	2	11				88 (40)	0.92 (3.48)

**XDJ RACK SELECTION MATRIX**

	Non-seismic racks			Seismic racks		
	1 Tier, 1 Row	2 Tier, 1 Row	2 Step	1 Tier, 1 Row	2 Tier, 1 Row	2 Step
48 V (8 Jars)	RDB0800-06P	RDB0801-03P	RDB0803-03P	RDB0800-06EP1P RDB0800-06EP2P	RDB0801-03EP1P RDB0801-03EP2P	RDB0803-03EP1P RDB0803-03EP2P
120 V (20 Jars)	RDB0800-15P	RDB0801-7.3P	RDB0803-7.3P	RDB0800-15EP1P RDB0800-15EP2P	RDB0801-7.3EP1P RDB0801-7.3EP2P	RDB0803-7.3EP1P RDB0803-7.3EP2P
240 V (40 Jars)	(2) RDB0800-15P	RDB0801-15P	RDB0803-15P	(2) RDB0800-15EP1P (2) RDB0800-15EP2P	RDB0801-15EP1P RDB0801-15EP2P	RDB0803-15EP1P RDB0803-15EP2P
480 V (80 Jars)	(2) RDB0800-15P	(2) RDB0801-15P	(2) RDB0803-15P	(2) RDB0800-15EP1P (2) RDB0800-15EP2P	(2) RDB0801-15EP1P (2) RDB0801-15EP2P	(2) RDB0803-15EP1P (2) RDB0803-15EP2P

The suffix "-P" is for painted rails (ex. RDB0800-15P for painted non-seismic 15ft rack, RDB0800-15EP1P for painted seismic EP1 rack).  
3 Tier, 1 Row racks are also available.