

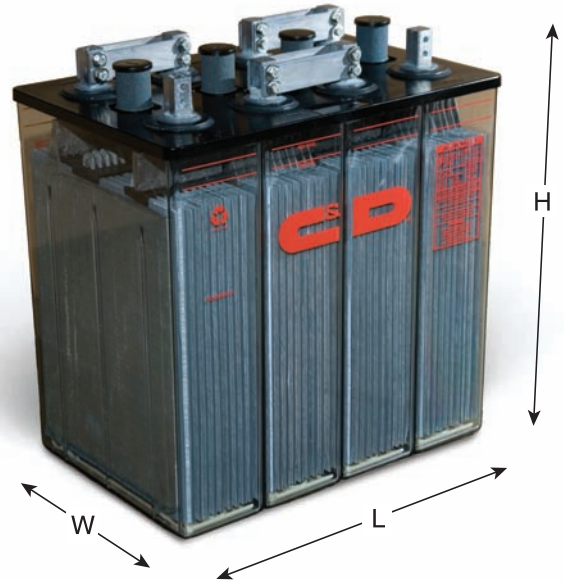
All Batteries  
Capacity tested to  
**100%**



# XT<sup>®</sup> SERIES

## LEAD CALCIUM BATTERIES FOR UPS AND SWITCHGEAR APPLICATIONS

CAPACITIES FROM 0.370 TO 7.523 KILOWATTS PER CELL



C&D Technologies' Power Systems Division 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.

### Sites that use XT Series batteries include:

- **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

- Low-maintenance lead-calcium alloy extends watering intervals
- Design is optimized for high-rate, short duration discharges
- Soft rubber post bushing minimizes stress on post seal, leak-free design using heli-arc process unique to C&D
- Flame retardant covers standard to enhance battery plant safety
- Electrical testing to 100% capacity assures performance of every battery
- Warranty for cycle duty or float service is available
- Hardened, lead-alloy terminals or copper-inserted posts provide better conductivity and tighter connections requiring less maintenance
- 20 year life expectancy in float service at 77°F (25°C) ambient temperature

## XT

- Proven quality
- High performance
- Fully tested
- Wide range of KW ratings
- Higher ratings and lower cost than XT-Plus

## XT Plus

- All the benefits of the XT PLUS
- More available discharge cycles

XT Plus is ideal for sites with frequent blackouts and brownouts or locations that require the batteries to be cycled frequently to test other system components.

## XTR

- Less rack space required
- Higher power density
- Minimized maintenance
- Available in both XT and XT-Plus versions

XTR jars provide greater floor space utilization, saving up to 23% in rack length. Maintenance clean-up activities are minimized due to wells around flame arrestors that catch drips and spills.

### WARRANTY CRITERIA FOR LIMITED CYCLE SERVICE

Duration of discharge	Warranted cycle life
0.0 to 0.5 minutes	2,700 events
0.5 to 1.5 minutes	525 events
1.5 to 4.0 minutes	206 events
4.0 to 15.0 minutes	94 events

Based on discharges at 15-minute rate to minimum voltage of 1.67 Vpc.

### WARRANTY CRITERIA FOR LIMITED CYCLE SERVICE

Duration of discharge	Warranted cycle life
0.0 to 0.5 minutes	10,500 events
0.5 to 1.5 minutes	2,100 events
1.5 to 4.0 minutes	660 events
4.0 to 15.0 minutes	300 events

Based on discharges at 15-minute rate to minimum voltage of 1.67 Vpc.

Rack Sizing Guide for XT & XT Plus Batteries				Model									
				XT4L-7, -9 XT4LP-7, -9	XT4L-11, -13, -15 XT4LP-11, -13, -15	4XTR-17, -19 4XTRP-17, -19	4XTR-21 4XTRP-21	XT2L-17, -19, -21, -23, -25 XT2LP-17, -19, -21, -23, -25	2XTR-27, -29, -31 2XTRP-27, -29, -31	XT1L-27, -29 XT1LP-27, -29	XT1L-31, -33 XT1LP-31, -33	XT1L-35, -37, -39, -41 XT1LP-35, -37, -39, -41	XT1L-43, -45, -47, -49, -51, -53 XT1LP-43, -45, -47, -49, -51, -53
Rack Length (ft)	Cells per Unit			4	4	4	4	2	2	1	1	1	1
	Unit Length (in)			10.80	15.00	19.25	21.04	12.10	15.27	7.62	8.88	10.62	13.14
	Available RDB Racks			Maximum Number of Units per Tier									
	√ = EP1, EP2 & non-seismic available												
	1 Tier	2 Tier	3 Tier										
3	√	√	√	3	2	1	1	2	2	4	3	3	2
4	√	√	√	4	3	2	2	3	3	5	5	4	3
5	√	√	√	5	3	3	2	4	3	7	6	5	4
6	√	√	√	6	4	3	3	5	4	8	7	6	5
7	√	√	√	7	5	4	3	6	5	10	9	7	6
8	√	√	√	9	6	4	4	7	6	11	10	8	7
9	√	√	√	10	7	5	5	8	6	13	11	9	7
10	√	√	√	11	7	6	5	9	7	14	12	10	8
11	√	√	√	12	8	6	6	10	8	16	14	11	9
12	√	√	√	13	9	7	6	11	9	17	15	12	10
13	√	√	√	14	10	7	7	12	9	19	16	14	11
14	√	√	√	15	10	8	7	13	10	20	17	15	12
15	√	√	√	17	11	9	8	14	11	22	19	16	13
16	√	√	√	18	12	9	8	15	12	23	20	17	14
17	√	√	√	19	13	10	9	16	12	25	21	18	14
18	√	√	√	20	13	10	10	17	13	26	23	19	15
19		√	EP1 only	21	14	11	10	18	14	28	24	20	16
20		√		22	15	12	11	19	15	29	25	21	17

**SPECIFICATIONS**

<b>Plates</b>	<b>XTL,XTLC,XTR,XTRC,XTLP,XTLCP,XTRP,XTRCP</b>	<b>XT4J and XT4JC</b>
Height	15.62 in (397 mm)	9.0 in (229 mm)
Width	12.62 (321 mm)	8.75 in (222 mm)
Positive thickness	0.20 in (5.1 mm)	0.16 in (4.1 mm)
Negative thickness	0.12 in (3.0 mm)	0.12 in (3.0 mm)
<b>Electrolyte height above plates</b>	2.25 in (57 mm)	1.7 in (43 mm)
<b>Sediment space</b>	0.63 in (16 mm)	0.88 in (22 mm)
<b>Electrolyte @ 77°F (25°C)</b> XTL, XTR, XTLP and XTRP XTLC, XTRC, XTLCP and XTRCP	Sulfuric acid, 1.215 specific gravity nominal Sulfuric acid, 1.250 specific gravity nominal	
<b>Electrolyte withdrawal tubes</b> XTL (single and twin cell) XTL (four-cell units)	XTJ - None 2 per cell 1 per cell	
<b>Float voltages</b> XTJ, XTL, XTR, XTLP and XTRP XTJC, XTLC, XTRC, XTLCP and XTRCP	2.21-2.22 volts per cell (1.215 sp. gr.) 2.25-2.26 volts per cell (1.250 sp. gr.)	
<b>Container</b>	Thermoplastic, transparent	
<b>Optional Container</b>	Transparent, flame-retardant polycarbonate. LOI = 25. Flammability ratings: UL 94-HB; ASTM D-635-68, self-extinguishing	
<b>Cover</b>	High-impact, flame retardant thermoplastic, with tongue-and-groove seal. Flammability ratings: UL 94V-0; ASTM D-635, self-extinguishing. Oxygen index > 32	
<b>Separator</b> XTJ, XTL and XTR XTLP and XTRP	Microporus with fiberglass retaining mat Microporus with fiberglass retaining wrap around positive plates	
<b>Safety vent system</b>	Flame-arrester with dust cover	
<b>Terminals</b> XTJ, XTL and XTLP (7 and 9 plate) XTL and XTLP (11 through 25 plates) XTR and XTRP (17, 19 and 21 plates) XTR and XTRP (27, 29 and 31 plates) XTL and XTLP (27 through 41 plates) XTL and XTLP (43 through 53 plates)	Two, hardened, lead-alloy chair terminals per unit Two, 1-in square, copper-inserted posts with dual-bolt holes per unit Two, 1-in square, copper-inserted posts with dual-bolt holes per unit Four, 1-in square, copper-inserted posts with dual-bolt holes per unit Four, 1-in square, copper-inserted posts with dual-bolt holes per cell Six, 1-in square, copper-inserted posts with dual-bolt holes per cell	
<b>Intercell connectors*</b> XTJ, XTL and XTLP (7 through 9 plates) XTL and XTLP (11 through 15 plates) XTL and XTLP (17 through 25 plates) XTR and XTRP (17, 19, 21, 27, 29, 31 plates) XTL and XTLP (27 through 53 plates)	Welded connectors Bolt-on connectors—5/16-in threaded-copper inserts Bolt-on connectors—1-in square, copper inserted posts Bolt-on connectors—1-in square, copper inserted posts N/A	
<b>Hardware Torque Requirements</b>	Initial Torque 160 inch-pounds Maintenance Torque 125 inch-pounds	

\*See RS-1476 for connection hardware details.

XT		XT Plus		Nom. Volts	Unit Dimensions in (mm)			Unit Weight lbs (kgs)		Electrolyte per cell lbs (kgs)
Models	Nom. Amp-Hrs†	Models	Nom. Amp-Hrs†		L	W	H	Net filled	Dom. Packed	
XT4J-7	108			8	10.28 (261)	10.00 (254)	14.81 (376)	113 (51)	122 (55)	6.8 (3.1)
XT4J-9	142			8				129 (59)	138 (63)	6.3 (2.9)
XT4J-11	174			8				145 (66)	154 (70)	5.8 (2.6)
XT4L-07	306	XT4LP-07	290	8	10.08 (256)	14.12 (359)	22.75 (578)	254 (115)	269 (122)	15 (6.8)
XT4L-09	404	XT4LP-09	383	8				304 (138)	319 (145)	14 (6.4)
XT4L-11	510	XT4LP-11	484	8				432 (196)	444 (202)	22 (10.0)
XT4L-13	611	XT4LP-13	581	8	15.00 (381)	14.12 (359)	22.75 (578)	482 (219)	499 (227)	21 (9.5)
XT4L-15	706	XT4LP-15	671	8				535 (243)	549 (250)	20 (9.1)
4XTR-17	825	4XTRP-17	783	8				625 (284)	643 (292)	32 (14.5)
4XTR-19	928	4XTRP-19	881	8	19.25 (489)	14.12 (359)	22.91 (582)	674 (306)	693 (314)	30 (13.4)
4XTR-21	1031	4XTRP-21	978	8				727 (330)	745 (338)	33 (14.9)
XT2L-17	825	XT2LP-17	783	4				12.10 (307)	14.12 (359)	22.75 (578)
XT2L-19	928	XT2LP-19	881	4	365 (166)	382 (174)	43 (19.5)			
XT2L-21	1031	XT2LP-21	978	4	390 (177)	407 (185)	42 (19.1)			
XT2L-23	1134	XT2LP-23	1077	4	15.27 (388)	14.12 (359)	22.91 (582)	415 (189)	432 (196)	41 (18.6)
XT2L-25	1213	XT2LP-25	1140	4				440 (200)	457 (208)	40 (18.2)
2XTR-27	1382	2XTRP-27	1325	4				495 (225)	513 (233)	50 (22.6)
2XTR-29	1459	2XTRP-29	1399	4	7.62 (194)	14.12 (359)	22.91 (582)	532 (241)	550 (250)	49 (22.2)
2XTR-31	1594	2XTRP-31	1528	4				549 (249)	567 (257)	48 (21.7)
XT1L-27	1382	XT1LP-27	1325	2				8.88 (226)	14.12 (359)	22.75 (578)
XT1L-29	1459	XT1LP-29	1399	2	259 (118)	275 (125)	40 (18.2)			
XT1L-31	1594	XT1LP-31	1528	2	283 (129)	300 (136)	46 (20.9)			
XT1L-33	1668	XT1LP-33	1599	2	10.62 (270)	14.12 (359)	22.75 (578)	294 (134)	311 (141)	44 (20.0)
XT1L-35	1806	XT1LP-35	1732	2				317 (144)	334 (152)	58 (26.4)
XT1L-37	1904	XT1LP-37	1834	2				328 (149)	345 (157)	56 (25.5)
XT1L-39	2019	XT1LP-39	1936	2	13.14 (334)	14.12 (359)	22.75 (578)	339 (154)	356 (162)	54 (24.5)
XT1L-41	2085	XT1LP-41	1999	2				350 (159)	367 (167)	52 (23.6)
XT1L-43	2190	XT1LP-43	2099	2				416 (189)	434 (197)	86 (39.1)
XT1L-45	2294	XT1LP-45	2199	2	13.14 (334)	14.12 (359)	22.75 (578)	427 (194)	445 (202)	84 (38.2)
XT1L-47	2374	XT1LP-47	2277	2				438 (199)	456 (207)	82 (37.3)
XT1L-49	2454	XT1LP-49	2353	2				449 (204)	467 (212)	80 (36.4)
XT1L-51	2531	XT1LP-51	2427	2	13.14 (334)	14.12 (359)	22.75 (578)	460 (209)	478 (217)	78 (35.5)
XT1L-53	2606	XT1LP-53	2499	2				471 (214)	489 (222)	76 (34.5)

† 8 Hour rate to 1.75 Vpc at 77°F (25°C), 1.215 Specific Gravity

**XT SPECIFICATIONS**

1.215*	Nominal rates to 1.75 Vpc average							Nominal rates to 1.67 Vpc average					
	Amperes							Kilowatts per cell					
	1 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	8 Hr	1 min	5 Min	10 Min	15 Min	20 Min	30 Min
XT4J-07	274	177	123	77	33	21	14	0.594	0.520	0.437	0.370	0.320	0.252
XT4J-09	362	234	162	102	43	27	18	0.785	0.687	0.577	0.489	0.423	0.333
XT4J-11	443	287	199	125	53	34	22	0.962	0.842	0.707	0.599	0.518	0.408
XT4L-07	576	410	294	192	87	57	38	1.227	1.100	0.968	0.857	0.764	0.616
XT4L-09	760	542	388	254	115	76	51	1.619	1.453	1.278	1.132	1.008	0.813
XT4L-11	960	684	490	320	145	96	64	2.045	1.834	1.613	1.429	1.273	1.027
XT4L-13	1152	821	588	384	174	115	76	2.454	2.201	1.936	1.714	1.527	1.232
XT4L-15	1330	948	680	444	201	133	88	2.834	2.542	2.236	1.980	1.764	1.423
4XTR-17	1430	1083	808	531	237	156	103	3.085	2.808	2.506	2.243	2.014	1.638
4XTR-19	1609	1219	908	598	267	175	116	3.471	3.159	2.819	2.523	2.266	1.843
4XTR-21	1787	1354	1009	664	297	195	129	3.856	3.510	3.132	2.804	2.517	2.047
XT2L-17	1430	1083	808	531	237	156	103	3.085	2.808	2.506	2.243	2.014	1.638
XT2L-19	1609	1219	908	598	267	175	116	3.471	3.159	2.819	2.523	2.266	1.843
XT2L-21	1787	1354	1009	664	297	195	129	3.856	3.510	3.132	2.804	2.517	2.047
XT2L-23	1966	1489	1110	730	326	214	142	4.242	3.861	3.445	3.084	2.769	2.252
XT2L-25	2103	1593	1188	781	349	229	152	4.537	4.129	3.685	3.299	2.962	2.409
2XTR-27	2305	1753	1297	853	389	258	173	5.062	4.586	4.090	3.671	3.311	2.722
2XTR-29	2436	1852	1370	901	411	273	182	5.348	4.845	4.321	3.879	3.498	2.876
2XTR-31	2660	2023	1496	984	449	298	199	5.840	5.291	4.719	4.236	3.820	3.141
XT1L-27	2305	1753	1297	853	389	258	173	5.062	4.586	4.090	3.671	3.311	2.722
XT1L-29	2436	1852	1370	901	411	273	182	5.348	4.845	4.321	3.879	3.498	2.876
XT1L-31	2660	2023	1496	984	449	298	199	5.840	5.291	4.719	4.236	3.820	3.141
XT1L-33	2784	2117	1566	1030	470	312	209	6.112	5.538	4.939	4.433	3.998	3.287
XT1L-35	3015	2292	1696	1115	509	338	226	6.619	5.997	5.348	4.801	4.329	3.560
XT1L-37	3177	2416	1787	1175	537	356	238	6.975	6.320	5.636	5.059	4.563	3.752
XT1L-39	3369	2562	1895	1246	569	377	252	7.398	6.702	5.977	5.365	4.839	3.979
XT1L-41	3480	2646	1957	1287	588	390	261	7.640	6.922	6.173	5.541	4.997	4.109
XT1L-43	3654	2778	2055	1351	617	409	274	8.022	7.268	6.482	5.818	5.247	4.315
XT1L-45	3828	2911	2153	1416	647	429	287	8.404	7.614	6.790	6.095	5.497	4.520
XT1L-47	3963	3014	2229	1466	669	444	297	8.702	7.884	7.031	6.311	5.692	4.680
XT1L-49	4095	3114	2304	1515	692	459	307	8.992	8.147	7.265	6.522	5.882	4.836
XT1L-51	4224	3212	2376	1562	714	473	316	9.275	8.403	7.494	6.727	6.067	4.988
XT1L-53	4350	3307	2447	1609	735	487	326	9.550	8.652	7.716	6.927	6.247	5.137

\* 1.215 specific gravity @ 77°F (25°C) (includes connector voltage drop)

1.250**	Nominal rates to 1.75 Vpc average						Nominal rates to 1.67 Vpc average					
	Amperes						Kilowatts per cell					
	1 Min	15 Min	30 Min	1 Hr	2 Hr	3 Hr	1 Min	5 Min	10 Min	15 Min	20 Min	30 Min
XT4JC-07	305	201	134	84	51	37	0.661	0.557	0.465	0.397	0.346	0.273
XT4JC-09	403	266	177	111	67	48	0.873	0.736	0.614	0.524	0.456	0.360
XT4JC-11	493	326	217	136	82	59	1.070	0.902	0.752	0.643	0.559	0.441
XT4LC-07	638	460	341	227	140	102	1.344	1.210	1.063	0.941	0.842	0.698
XT4LC-09	842	607	451	300	184	134	1.775	1.598	1.403	1.242	1.112	0.921
XT4LC-11	1063	766	569	379	233	170	2.241	2.017	1.771	1.568	1.404	1.163
XT4LC-13	1275	920	683	454	279	204	2.689	2.421	2.125	1.881	1.684	1.395
XT4LC-15	1473	1062	789	525	323	235	3.106	2.796	2.455	2.173	1.946	1.611
4XTRC-17	1566	1183	910	619	383	279	3.391	3.085	2.751	2.467	2.229	1.862
4XTRC-19	1761	1331	1023	696	430	314	3.815	3.471	3.094	2.776	2.508	2.094
4XTRC-21	1957	1479	1137	773	478	349	4.239	3.857	3.438	3.084	2.787	2.327
XT2LC-17	1566	1183	910	619	383	279	3.391	3.085	2.751	2.467	2.229	1.862
XT2LC-19	1761	1331	1023	696	430	314	3.815	3.471	3.094	2.776	2.508	2.094
XT2LC-21	1957	1479	1137	773	478	349	4.239	3.857	3.438	3.084	2.787	2.327
XT2LC-23	2153	1627	1251	851	526	383	4.663	4.243	3.782	3.392	3.066	2.560
XT2LC-25	2303	1740	1337	910	562	410	4.987	4.537	4.045	3.628	3.279	2.738
2XTRC-27	2527	1912	1470	1000	618	451	5.479	4.986	4.445	3.987	3.603	3.009
2XTRC-29	2670	2020	1553	1056	653	476	5.790	5.268	4.697	4.213	3.807	3.179
2XTRC-31	2916	2206	1696	1153	713	520	6.322	5.753	5.129	4.600	4.157	3.472
XT1LC-27	2527	1912	1470	1000	618	451	5.479	4.986	4.445	3.987	3.603	3.009
XT1LC-29	2670	2020	1553	1056	653	476	5.790	5.268	4.697	4.213	3.807	3.179
XT1LC-31	2916	2206	1696	1153	713	520	6.322	5.753	5.129	4.600	4.157	3.472
XT1LC-33	3052	2309	1775	1207	746	544	6.617	6.021	5.368	4.815	4.351	3.633
XT1LC-35	3305	2500	1922	1307	808	589	7.165	6.520	5.813	5.214	4.711	3.934
XT1LC-37	3499	2647	2035	1384	856	624	7.587	6.904	6.155	5.521	4.989	4.166
XT1LC-39	3694	2794	2148	1461	903	659	8.008	7.287	6.497	5.827	5.266	4.397
XT1LC-41	3815	2886	2218	1509	933	680	8.271	7.526	6.710	6.018	5.438	4.541
XT1LC-43	4006	3030	2329	1584	979	714	8.684	7.902	7.045	6.319	5.710	4.769
XT1LC-45	4196	3175	2440	1660	1026	748	9.098	8.279	7.381	6.620	5.982	4.996
XT1LC-47	4345	3287	2527	1718	1062	775	9.420	8.572	7.642	6.854	6.194	5.172
XT1LC-49	4490	3397	2611	1776	1098	800	9.734	8.858	7.897	7.083	6.400	5.345
XT1LC-51	4631	3503	2693	1832	1132	826	10.040	9.136	8.145	7.306	6.602	5.513
XT1LC-53	4768	3607	2773	1886	1166	850	10.338	9.408	8.387	7.523	6.798	5.677

\*\* 1.250 specific gravity @ 77°F (25°C) (includes connector voltage drop)

**XT-PLUS SPECIFICATIONS**

1.215*	Nominal rates to 1.75 Vpc average							Nominal rates to 1.67 Vpc average					
	Amperes							Kilowatts per cell					
	1 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	8 Hr	1 Min	5 Min	10 Min	15 Min	20 Min	30 Min
XT4LP-07	547	390	280	183	83	55	36	1.165	1.045	0.920	0.814	0.726	0.585
XT4LP-09	722	515	369	241	109	72	48	1.539	1.380	1.214	1.075	0.958	0.773
XT4LP-11	912	650	466	304	138	91	61	1.942	1.742	1.533	1.357	1.209	0.976
XT4LP-13	1094	780	559	365	166	109	73	2.331	2.091	1.839	1.629	1.451	1.171
XT4LP-15	1264	901	646	422	191	126	84	2.692	2.415	2.124	1.881	1.676	1.352
4XTRP-17	1357	1028	767	504	225	148	98	2.959	2.694	2.404	2.152	1.932	1.571
4XTRP-19	1527	1157	862	567	253	166	110	3.329	3.030	2.704	2.421	2.173	1.768
4XTRP-21	1697	1285	958	630	282	185	122	3.699	3.367	3.005	2.690	2.415	1.964
XT2LP-17	1357	1028	767	504	225	148	98	2.959	2.694	2.404	2.152	1.932	1.571
XT2LP-19	1527	1157	862	567	253	166	110	3.329	3.030	2.704	2.421	2.173	1.768
XT2LP-21	1697	1285	958	630	282	185	122	3.699	3.367	3.005	2.690	2.415	1.964
XT2LP-23	1866	1414	1054	693	310	203	135	4.069	3.704	3.305	2.959	2.656	2.160
XT2LP-25	1977	1497	1116	734	328	215	143	4.310	3.923	3.500	3.134	2.813	2.288
2XTRP-27	2193	1663	1237	818	374	248	166	4.839	4.452	3.933	3.444	3.052	2.525
2XTRP-29	2318	1757	1307	864	395	262	175	5.113	4.704	4.155	3.639	3.225	2.668
2XTRP-31	2531	1919	1427	944	432	286	191	5.584	5.137	4.538	3.974	3.521	2.914
XT1LP-27	2193	1663	1237	818	374	248	166	4.839	4.452	3.933	3.444	3.052	2.525
XT1LP-29	2318	1757	1307	864	395	262	175	5.113	4.704	4.155	3.639	3.225	2.668
XT1LP-31	2531	1919	1427	944	432	286	191	5.584	5.137	4.538	3.974	3.521	2.914
XT1LP-33	2649	2008	1493	988	452	299	200	5.843	5.376	4.749	4.159	3.685	3.049
XT1LP-35	2868	2175	1617	1070	489	324	217	6.328	5.822	5.143	4.504	3.991	3.302
XT1LP-37	3037	2303	1712	1132	518	343	229	6.700	6.165	5.445	4.769	4.226	3.496
XT1LP-39	3206	2431	1807	1195	547	362	242	7.073	6.507	5.748	5.034	4.460	3.690
XT1LP-41	3311	2511	1866	1235	565	374	250	7.304	6.720	5.936	5.199	4.606	3.811
XT1LP-43	3476	2636	1960	1296	593	393	262	7.670	7.056	6.233	5.459	4.837	4.002
XT1LP-45	3642	2762	2053	1358	621	411	275	8.035	7.393	6.530	5.719	5.067	4.193
XT1LP-47	3771	2859	2126	1406	643	426	285	8.319	7.654	6.761	5.921	5.247	4.341
XT1LP-49	3897	2955	2197	1453	664	440	294	8.597	7.909	6.986	6.119	5.421	4.486
XT1LP-51	4019	3048	2266	1499	685	454	303	8.867	8.158	7.206	6.311	5.592	4.627
XT1LP-53	4139	3138	2333	1543	706	468	312	9.130	8.401	7.420	6.499	5.758	4.764

\* 1.215 specific gravity @ 77°F (25°C) (includes connector voltage drop)

1.250**	Nominal rates to 1.75 Vpc average					Nominal rates to 1.67 Vpc average					
	Amperes					Kilowatts per cell					
	1 Min	15 Min	30 Min	1 Hr	3 Hr	1 Min	5 Min	10 Min	15 Min	20 Min	30 Min
XT4LCP-07	606	437	324	216	97	1.277	1.150	1.010	0.894	0.800	0.663
XT4LCP-09	800	577	428	285	128	1.686	1.518	1.333	1.180	1.056	0.875
XT4LCP-11	1010	728	541	360	161	2.128	1.917	1.683	1.489	1.334	1.104
XT4LCP-13	1212	874	649	432	194	2.554	2.300	2.019	1.787	1.600	1.325
XT4LCP-15	1400	1009	749	499	224	2.950	2.657	2.332	2.065	1.848	1.531
4XTRCP-17	1486	1123	863	588	265	3.218	2.929	2.611	2.342	2.116	1.767
4XTRCP-19	1672	1263	971	661	298	3.621	3.295	2.937	2.635	2.381	1.988
4XTRCP-21	1858	1404	1079	734	331	4.023	3.661	3.264	2.927	2.645	2.209
XT2LCP-17	1486	1123	863	588	265	3.218	2.929	2.611	2.342	2.116	1.767
XT2LCP-19	1672	1263	971	661	298	3.621	3.295	2.937	2.635	2.381	1.988
XT2LCP-21	1858	1404	1079	734	331	4.023	3.661	3.264	2.927	2.645	2.209
XT2LCP-23	2043	1544	1187	808	364	4.425	4.027	3.590	3.220	2.910	2.430
XT2LCP-25	2164	1636	1257	856	386	4.687	4.265	3.802	3.410	3.082	2.574
2XTRCP-27	2401	1816	1396	950	428	5.206	4.737	4.223	3.788	3.423	2.858
2XTRCP-29	2537	1919	1475	1003	452	5.500	5.005	4.462	4.002	3.617	3.020
2XTRCP-31	2770	2096	1611	1096	494	6.006	5.466	4.873	4.370	3.949	3.298
XT1LCP-27	2401	1816	1396	950	428	5.206	4.737	4.223	3.788	3.423	2.858
XT1LCP-29	2537	1919	1475	1003	452	5.500	5.005	4.462	4.002	3.617	3.020
XT1LCP-31	2770	2096	1611	1096	494	6.006	5.466	4.873	4.370	3.949	3.298
XT1LCP-33	2899	2193	1686	1147	517	6.286	5.720	5.099	4.574	4.133	3.451
XT1LCP-35	3140	2375	1826	1242	560	6.807	6.194	5.522	4.953	4.476	3.738
XT1LCP-37	3325	2515	1933	1315	593	7.208	6.559	5.847	5.245	4.739	3.958
XT1LCP-39	3509	2655	2041	1388	626	7.608	6.923	6.172	5.536	5.003	4.177
XT1LCP-41	3624	2742	2108	1433	646	7.857	7.150	6.374	5.717	5.166	4.314
XT1LCP-43	3805	2879	2213	1505	679	8.250	7.507	6.693	6.003	5.425	4.530
XT1LCP-45	3987	3016	2318	1577	711	8.643	7.865	7.012	6.289	5.683	4.746
XT1LCP-47	4128	3123	2400	1633	736	8.949	8.143	7.260	6.512	5.884	4.914
XT1LCP-49	4265	3227	2480	1687	761	9.248	8.415	7.502	6.729	6.081	5.078
XT1LCP-51	4400	3328	2558	1740	784	9.538	8.679	7.738	6.941	6.272	5.237
XT1LCP-53	4530	3427	2634	1792	808	9.822	8.937	7.968	7.147	6.458	5.393

\*\* 1.250 specific gravity @ 77°F (25°C) (includes connector voltage drop)



## C&D TECHNOLOGIES EXPERIENCE WITH A PROUD HISTORY

C&D started in 1906 as the dream of two high school students named Frank Carlile and Leon Doughty in Conshohocken, PA. under the name C&D Electrical. Since then, C&D has been a leader in advancing battery technology, including being the first battery manufacturer to successfully manufacture flooded lead calcium batteries. C&D promoted acceptance of Lead Calcium through consistent quality and reliable performance so it is now considered the standard for reserve power applications. C&D also leads the way in bringing advanced technology VRLA batteries to the market with the lowest float current battery on the market without requiring expensive catalysts.



Today, C&D operates Worldwide with over 3,000 employees. C&D products provide reserve power systems to leading operators of telecommunications, data transmission, infrastructure computer systems and utilities to enable them to maintain critical operations during power outages. Since the inception of the UPS industry, C&D has provided back-up batteries designed specifically for UPS applications and can be found in UPS systems around the world. We currently provide back-up power for every major bank, financial institution and telecommunications provider in North America.

We continue to be the leader in high quality, long lasting batteries for all applications. Our continued success is due to our Products, our People and our Sales Partners. However, we could not have stayed in business 100 years without our Loyal Customers. For them our focus is on providing the best quality products at competitive prices, with the service and support that they demand, and to which they are entitled.

**For our customers, C&D stands for Commitment & Dedication to quality, reliability and service.**

# Liberty® 1000

# HIGH RATE MAX

**DYNASTY**

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