



C&D 2V LBTY 系列

阀控式铅酸蓄电池

适用领域：备用电源



应用范围

- 电信控制系统
- 不间断电源 (UPS)
- 轨道交通及其辅助系统
- 船用设备
- 电力系统
- 发电站、核电厂
- 医院及医疗设备
- 火警探测及灭火系统
- 报警及安全系统

电池特性

- 设计寿命：15年 (≥200Ah)
- 3年质保
- 高可靠的专业设计
- 电池标称容量为100-3000 安时
- 正极板是由铅钙合金铸造的板栅结构
- 内部气体复合率大于99%，使电解液具有免维护功能
- 极低的自放电率（在20℃下每月大约3%）
- UL 认证的组件
- 阻燃外壳材料，符合UL94-V0标准（可选）
- 符合国际航空运输协会/国际民间航空组织（IATA/ICAO）的特别规定A67，可以航空投运
- 可以以非危险品（DOT-CFR 49款171-189部分）进行地面运输
- 可以以非危险品（根据IMDG 修正27款）进行水路运输

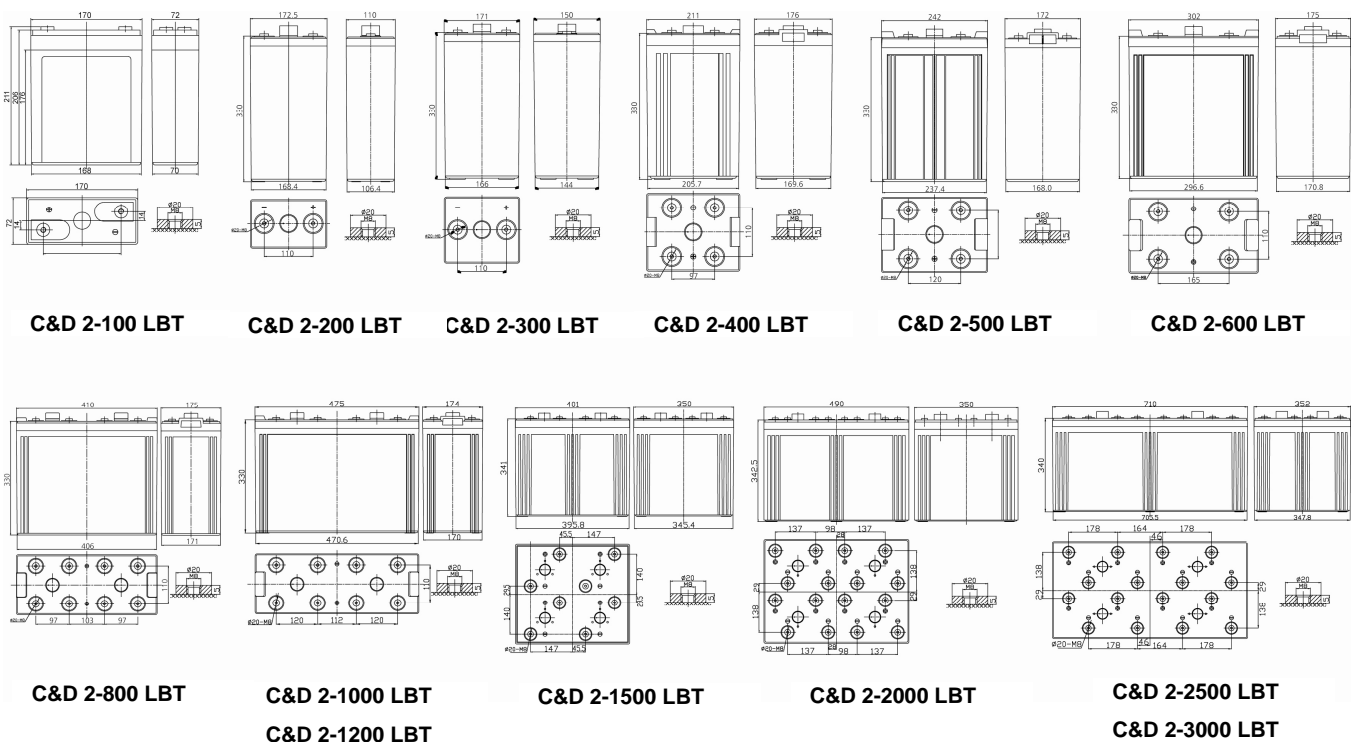
电池规格

型号	V	容量/Ah (C20, 1.75V @ 25°C)	外形尺寸/mm (L*W*H*Total Height)				重量/ Kg	端柱类型 (螺栓)	内阻/mΩ
C&D 2-100 LBT	2	100	170	72	206	211	6.5	嵌入式 (M8)	1
C&D 2-200 LBT	2	200	173	110	328	366	14	嵌入式 (M8)	0.8
C&D 2-300 LBT	2	300	171	150	328	366	19	嵌入式 (M8)	0.75
C&D 2-400 LBT	2	400	211	176	330	366	26	嵌入式 (M8)	0.7
C&D 2-500 LBT	2	500	242	172	330	366	30.5	嵌入式 (M8)	0.67
C&D 2-600 LBT	2	600	302	175	330	366	37	嵌入式 (M8)	0.63
C&D 2-800 LBT	2	800	410	175	330	367	50	嵌入式 (M8)	0.6
C&D 2-1000 LBT	2	1000	475	174	330	366	62	嵌入式 (M8)	0.55
C&D 2-1200 LBT	2	1200	475	174	330	366	76	嵌入式 (M8)	0.54
C&D 2-1500 LBT	2	1500	401	350	341	383	96	嵌入式 (M8)	0.5
C&D 2-2000 LBT	2	2000	490	350	343	383	126.5	嵌入式 (M8)	0.4
C&D 2-2500 LBT	2	2500	710	352	340	383	171	嵌入式 (M8)	0.35
C&D 2-3000 LBT	2	3000	710	352	340	383	193	嵌入式 (M8)	0.3

电池规格

工作温度范围	放电: -20°C to 60°C 充电: 0°C to 50°C 储存: -20°C to 60°C
推荐的工作温度范围	25°C ± 5°C
浮充电压	温度平均在25°C时, 2.27 到 2.3 V/cell
均衡和循环应用时的充电电压	温度平均在25°C时, 2.43 到 2.47 V/cell
自放电	在25°C环境可以储存6个月, 自放电比率小于每月3%, 使用前请将电池充电。
附件	电池间的连接线, 支架, 电池柜
端柱	嵌入式端柱可接受M8的螺栓
槽盖材料	ABS (UL94 HB, UL94V-0可选)

产品外形和尺寸



注: 所有尺寸单位为毫米, 所有的尺寸信息仅供参考。请联系西恩迪公司代表以便获得详细的尺寸信息。

恒功率放电 - Watts /每节 @ 25°C

1.85 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	200.5	143.8	127.3	92.7	59.0	45.2	36.7	31.4	26.6	21.8	18.7
C&D 2-200 LBT	401.1	287.5	254.7	185.4	117.9	90.4	73.5	62.7	53.3	43.7	37.3
C&D 2-300 LBT	601.6	431.3	382.0	278.1	176.9	135.6	110.2	94.1	79.9	65.5	56.0
C&D 2-400 LBT	802.2	575.0	509.4	370.7	235.9	180.8	146.9	125.5	106.5	87.4	74.7
C&D 2-500 LBT	1002.7	718.8	636.7	463.4	294.9	226.0	183.6	156.9	133.2	109.2	93.3
C&D 2-600 LBT	1203.3	862.6	764.0	556.1	353.8	271.2	220.4	188.2	159.8	131.1	112.0
C&D 2-800 LBT	1604.4	1150	1018.7	741.5	471.8	361.5	293.8	251	213.1	174.7	149.4
C&D 2-1000 LBT	2005.4	1437.6	1273.4	926.8	589.7	451.9	367.3	313.7	266.4	218.4	186.7
C&D 2-1200 LBT	2406.5	1725	1528	1112	707.7	542.3	440.7	376.5	319.6	262.1	224
C&D 2-1500 LBT	3008.2	2156.4	1910.1	1390.3	884.6	677.9	550.9	470.6	399.5	327.6	280.0
C&D 2-2000 LBT	4010.9	2875.2	2546.8	1853.7	1179.5	903.8	734.6	627.5	532.7	436.8	373.4
C&D 2-2500 LBT	5013.6	3594	3184	2317	1474	1130	918.2	784.4	665.9	546.1	466.7
C&D 2-3000 LBT	6016.3	4312.8	3820.2	2780.5	1769.2	1355.8	1101.9	941.2	799.1	655.3	560.1

1.80 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	235.2	168.6	141.2	100.3	62.3	47.4	39.7	32.9	28.1	23.0	19.4
C&D 2-200 LBT	470.3	337.2	282.5	200.5	124.6	94.9	79.3	65.8	56.2	46.0	38.8
C&D 2-300 LBT	705.5	505.7	423.7	300.8	186.9	142.3	119.0	98.6	84.3	69.0	58.2
C&D 2-400 LBT	940.7	674.3	564.9	401.1	249.2	189.8	158.6	131.5	112.5	91.9	77.6
C&D 2-500 LBT	1175.8	842.9	706.2	501.4	311.5	237.2	198.3	164.4	140.6	114.9	96.9
C&D 2-600 LBT	1411.0	1011.5	847.4	601.6	373.8	284.6	237.9	197.3	168.7	137.9	116.3
C&D 2-800 LBT	1881.4	1349	1130	802.2	498.4	379.5	317.2	263	224.9	183.9	155.1
C&D 2-1000 LBT	2351.7	1685.8	1412.4	1002.7	623.0	474.4	396.5	328.8	281.2	229.9	193.9
C&D 2-1200 LBT	2822.0	2023	1695	1203	747.6	569.3	475.8	394.5	337.4	275.8	232.7
C&D 2-1500 LBT	3527.5	2528.7	2118.6	1504.1	934.5	711.6	594.8	493.1	421.7	344.8	290.8
C&D 2-2000 LBT	4703.4	3371.6	2824.7	2005.5	1246.0	948.8	793.0	657.5	562.3	459.7	387.8
C&D 2-2500 LBT	5879.2	4215	3531	2507	1557	1186	991.3	821.9	702.9	574.7	484.7
C&D 2-3000 LBT	7055.1	5057.4	4237.1	3008.2	1868.9	1423.2	1189.5	986.3	843.5	689.6	581.7

1.75 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	271.7	194.8	154.8	106.3	65.2	49.5	39.8	34.0	28.5	23.4	20.1
C&D 2-200 LBT	543.4	389.5	309.6	212.7	130.5	99.0	79.7	68.0	56.9	46.7	40.2
C&D 2-300 LBT	815.1	584.3	464.4	319.0	195.7	148.5	119.5	101.9	85.4	70.1	60.3
C&D 2-400 LBT	1086.8	779.1	619.2	425.3	260.9	197.9	159.3	135.9	113.8	93.5	80.4
C&D 2-500 LBT	1358.5	973.8	774.0	531.7	326.2	247.4	199.2	169.9	142.3	116.8	100.5
C&D 2-600 LBT	1630.2	1168.6	928.8	638.0	391.4	296.9	239.0	203.9	170.7	140.2	120.6
C&D 2-800 LBT	2173.6	1558	1238	850.7	521.9	395.9	318.7	271.8	227.6	186.9	160.8
C&D 2-1000 LBT	2717.0	1947.7	1547.9	1063.3	652.3	494.9	398.3	339.8	284.5	233.6	201.1
C&D 2-1200 LBT	3260.4	2337	1858	1276	782.8	593.8	478	407.8	341.4	280.4	241.3
C&D 2-1500 LBT	4075.5	2921.5	2321.9	1595.0	978.5	742.3	597.5	509.7	426.8	350.4	301.6
C&D 2-2000 LBT	5434.1	3895.4	3095.9	2126.7	1304.6	989.7	796.7	679.6	569.1	467.3	402.1
C&D 2-2500 LBT	6792.6	4869	3870	2658	1631	1237	995.9	849.5	711.3	584.1	502.7
C&D 2-3000 LBT	8151.1	5843.1	4643.8	3190.0	1956.9	1484.6	1195.0	1019.4	853.6	700.9	603.2

1.70 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	305.0	218.7	171.8	115.4	68.9	51.3	41.9	35.5	29.9	24.1	20.4
C&D 2-200 LBT	610.1	437.3	343.6	230.9	137.8	102.7	83.9	70.9	59.9	48.2	40.9
C&D 2-300 LBT	915.1	656.0	515.3	346.3	206.7	154.0	125.8	106.4	89.8	72.4	61.3
C&D 2-400 LBT	1220.1	874.6	687.1	461.7	275.6	205.3	167.8	141.9	119.7	96.5	81.7
C&D 2-500 LBT	1525.1	1093.3	858.9	577.2	344.6	256.6	209.7	177.3	149.6	120.6	102.2
C&D 2-600 LBT	1830.2	1311.9	1030.7	692.6	413.5	308.0	251.6	212.8	179.6	144.7	122.6
C&D 2-800 LBT	2440.2	1749	1374	923.5	551.3	410.6	335.5	283.8	239.4	193	163.5
C&D 2-1000 LBT	3050.3	2186.6	1717.8	1154.4	689.1	513.3	419.4	354.7	299.3	241.2	204.3
C&D 2-1200 LBT	3660.3	2624	2061	1385	826.9	615.9	503.3	425.6	359.1	289.5	245.2
C&D 2-1500 LBT	4575.4	3279.9	2576.7	1731.5	1033.7	769.9	629.1	532.0	448.9	361.8	306.5
C&D 2-2000 LBT	6100.5	4373.1	3435.6	2308.7	1378.2	1026.5	838.8	709.4	598.5	482.5	408.6
C&D 2-2500 LBT	7625.7	5466	4295	2886	1723	1283	1048	886.7	748.2	603.1	510.8
C&D 2-3000 LBT	9150.8	6559.7	5153.4	3463.1	2067.4	1539.8	1258.2	1064.1	897.8	723.7	613.0

1.65 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	322.9	231.5	181.5	117.6	69.9	52.1	42.1	35.8	30.6	24.5	20.8
C&D 2-200 LBT	645.8	462.9	363.0	235.2	139.9	104.2	84.2	71.6	61.3	49.0	41.5
C&D 2-300 LBT	968.7	694.4	544.5	352.7	209.8	156.4	126.3	107.4	91.9	73.5	62.3
C&D 2-400 LBT	1291.6	925.9	726.0	470.3	279.7	208.5	168.4	143.1	122.6	98.0	83.0
C&D 2-500 LBT	1614.5	1157.3	907.5	587.9	349.7	260.6	210.5	178.9	153.2	122.5	103.8
C&D 2-600 LBT	1937.4	1388.8	1089.0	705.5	419.6	312.7	252.6	214.7	183.8	147.0	124.5
C&D 2-800 LBT	2583.2	1852	1452	940.6	559.5	417	336.8	286.3	245.1	196	166
C&D 2-1000 LBT	3229.0	2314.7	1815.1	1175.8	699.3	521.2	421.0	357.9	306.4	245.0	207.6
C&D 2-1200 LBT	3874.8	2778	2178	1411	839.2	625.5	505.2	429.4	367.7	294	249.1
C&D 2-1500 LBT	4843.4	3472.0	2722.6	1763.7	1049.0	781.8	631.6	536.8	459.6	367.5	311.3
C&D 2-2000 LBT	6457.9	4629.3	3630.1	2351.6	1398.7	1042.4	842.1	715.7	612.8	490.0	415.1
C&D 2-2500 LBT	8072.4	5787	4538	2940	1748	1303	1053	894.6	766.0	612.5	518.9
C&D 2-3000 LBT	9686.9	6944.0	5445.2	3527.4	2098.0	1563.7	1263.1	1073.6	919.2	735.0	622.7

恒电流放电 - Amperes @ 25°C

1.85 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	108.5	77.8	66.9	48.5	30.9	23.1	18.8	16.0	13.6	11.1	9.4
C&D 2-200 LBT	217.1	155.6	133.8	97.0	61.8	46.3	37.5	31.9	27.1	22.1	18.8
C&D 2-300 LBT	325.6	233.4	200.6	145.4	92.8	69.4	56.3	47.9	40.7	33.1	28.2
C&D 2-400 LBT	434.2	311.2	267.5	193.9	123.7	92.6	75.0	63.8	54.3	44.2	37.6
C&D 2-500 LBT	542.7	389.0	334.4	242.4	154.6	115.7	93.8	79.8	67.8	55.2	47.0
C&D 2-600 LBT	651.2	466.8	401.3	290.9	185.5	138.9	112.5	95.8	81.4	66.3	56.4
C&D 2-800 LBT	868.3	622.4	535	387.8	247.4	185.1	150	127.7	108.5	88.4	75.2
C&D 2-1000 LBT	1085.4	778.1	668.8	484.8	309.2	231.4	187.5	159.6	135.7	110.5	94.0
C&D 2-1200 LBT	1302.5	933.7	802.6	581.7	371.1	277.7	225	191.5	162.8	132.6	112.8
C&D 2-1500 LBT	1628.1	1167.1	1003.2	727.2	463.8	347.1	281.3	239.4	203.5	165.7	141.0
C&D 2-2000 LBT	2170.8	1556.1	1337.6	969.6	618.5	462.8	375.1	319.2	271.3	220.9	188.0
C&D 2-2500 LBT	2713.4	1945	1672	1212	773.1	578.6	468.8	399.0	339.2	276.2	235.1
C&D 2-3000 LBT	3256.1	2334.2	2006.4	1454.4	927.7	694.3	562.6	478.8	407.0	331.4	282.1

1.80 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	128.3	92.0	74.3	52.5	32.7	24.3	20.4	16.8	14.3	11.6	10.1
C&D 2-200 LBT	256.7	184.0	148.6	104.9	65.4	48.7	40.7	33.5	28.7	23.3	20.2
C&D 2-300 LBT	385.0	276.0	222.9	157.4	98.2	73.0	61.0	50.3	43.0	34.9	30.3
C&D 2-400 LBT	513.3	368.0	297.2	209.9	130.9	97.4	81.4	67.0	57.4	46.5	40.3
C&D 2-500 LBT	641.7	460.0	371.5	262.3	163.6	121.7	101.7	83.8	71.7	58.1	50.4
C&D 2-600 LBT	770.0	552.0	445.7	314.8	196.3	146.0	122.1	100.5	86.0	69.8	60.5
C&D 2-800 LBT	1026.7	736	594.3	419.7	261.7	194.7	162.8	134.1	114.7	93.0	80.7
C&D 2-1000 LBT	1283.4	920.0	742.9	524.7	327.2	243.4	203.5	167.6	143.4	116.3	100.8
C&D 2-1200 LBT	1540.0	1104	891.5	629.6	392.6	292.1	244.2	201.1	172.1	139.5	121
C&D 2-1500 LBT	1925.1	1380.0	1114.4	787.0	490.8	365.1	305.2	251.4	215.1	174.4	151.3
C&D 2-2000 LBT	2566.7	1840.0	1485.8	1049.4	654.4	486.8	407.0	335.2	286.8	232.6	201.7
C&D 2-2500 LBT	3208.4	2300	1857	1312	818.0	608.5	508.7	419.0	358.5	290.7	252.1
C&D 2-3000 LBT	3850.1	2759.9	2228.7	1574.1	981.5	730.2	610.5	502.7	430.2	348.8	302.5

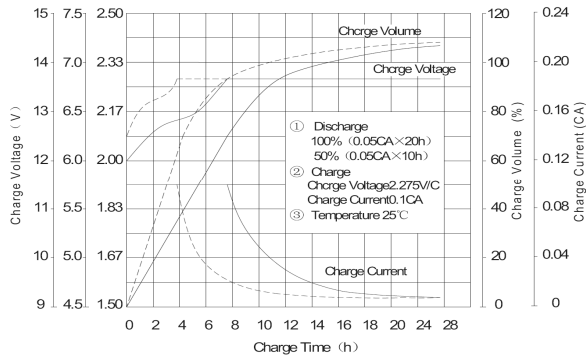
1.75 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	149.1	106.9	81.6	55.7	34.3	25.3	20.6	17.4	14.5	11.8	10.3
C&D 2-200 LBT	298.2	213.8	163.1	111.3	68.6	50.7	41.1	34.7	29.1	23.6	20.6
C&D 2-300 LBT	447.3	320.6	244.7	167.0	102.9	76.0	61.6	52.1	43.6	35.5	30.8
C&D 2-400 LBT	596.4	427.5	326.2	222.6	137.3	101.3	82.2	69.4	58.1	47.3	41.1
C&D 2-500 LBT	745.5	534.4	407.8	278.3	171.6	126.7	102.7	86.8	72.7	59.1	51.4
C&D 2-600 LBT	894.5	641.3	489.4	334.0	205.9	152.0	123.3	104.1	87.2	70.9	61.7
C&D 2-800 LBT	1192.7	855	652.5	445.3	274.5	202.7	164.4	138.9	116.3	94.6	82.2
C&D 2-1000 LBT	1490.9	1068.8	815.6	556.6	343.1	253.4	205.5	173.6	145.4	118.2	102.8
C&D 2-1200 LBT	1789.1	1283	978.7	667.9	411.8	304	246.6	208.3	174.4	141.9	123.3
C&D 2-1500 LBT	2236.4	1603.1	1223.4	834.9	514.7	380.0	308.2	260.3	218.0	177.3	154.2
C&D 2-2000 LBT	2981.8	2137.5	1631.2	1113.2	686.3	506.7	411.0	347.1	290.7	236.4	205.6
C&D 2-2500 LBT	3727.3	2672	2039	1392	857.9	633.4	513.7	433.9	363.4	295.5	256.9
C&D 2-3000 LBT	4472.7	3206.3	2446.8	1669.8	1029.4	760.1	616.5	520.7	436.1	354.7	308.3

1.70 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	167.9	120.4	90.6	60.5	36.3	26.7	21.8	18.2	15.3	12.2	10.5
C&D 2-200 LBT	335.9	240.8	181.3	120.9	72.6	53.5	43.5	36.3	30.6	24.4	20.9
C&D 2-300 LBT	503.8	361.2	271.9	181.3	108.9	80.2	65.2	54.5	45.9	36.6	31.4
C&D 2-400 LBT	671.7	481.5	362.5	241.8	145.2	106.9	87.0	72.6	61.2	48.8	41.9
C&D 2-500 LBT	839.7	601.9	453.2	302.2	181.5	133.7	108.7	90.8	76.6	61.0	52.4
C&D 2-600 LBT	1007.6	722.3	543.8	362.7	217.9	160.4	130.5	108.9	91.9	73.3	62.8
C&D 2-800 LBT	1343.5	963.1	725	483.6	290.5	213.9	174	145.2	122.5	97.7	83.8
C&D 2-1000 LBT	1679.4	1203.8	906.3	604.5	363.1	267.3	217.5	181.5	153.1	122.1	104.7
C&D 2-1200 LBT	2015.2	1445	1088	725.4	435.7	320.8	260.9	217.9	183.7	146.5	125.7
C&D 2-1500 LBT	2519.0	1805.8	1359.5	906.7	544.6	401.0	326.2	272.3	229.7	183.1	157.1
C&D 2-2000 LBT	3358.7	2407.7	1812.6	1209.0	726.2	534.7	434.9	363.1	306.2	244.2	209.4
C&D 2-2500 LBT	4198.4	3010	2266	1511	907.7	668.3	543.6	453.9	382.8	305.2	261.8
C&D 2-3000 LBT	5038.1	3611.5	2718.9	1813.5	1089.3	802.0	652.4	544.6	459.3	366.3	314.1

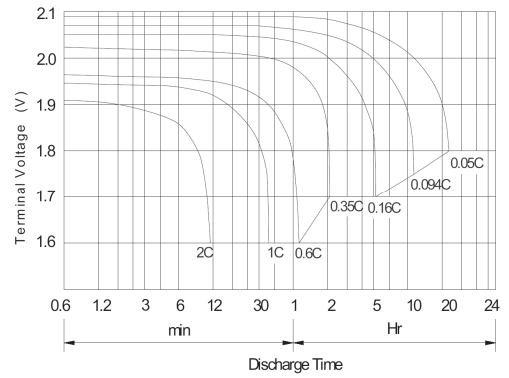
1.65 EPV	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr
C&D 2-100 LBT	180.1	129.1	96.1	61.7	36.9	27.3	22.0	18.4	15.7	12.4	10.7
C&D 2-200 LBT	360.2	258.2	192.3	123.3	73.8	54.7	43.9	36.7	31.4	24.8	21.3
C&D 2-300 LBT	540.3	387.3	288.4	184.9	110.7	82.0	65.8	55.1	47.1	37.2	32.0
C&D 2-400 LBT	720.4	516.4	384.6	246.6	147.6	109.3	87.8	73.4	62.8	49.6	42.7
C&D 2-500 LBT	900.5	645.5	480.7	308.2	184.5	136.7	109.7	91.8	78.5	62.0	53.3
C&D 2-600 LBT	1080.6	774.6	576.8	369.9	221.4	164.0	131.7	110.1	94.2	74.4	64.0
C&D 2-800 LBT	1440.8	1032.8	769.1	493.2	295.3	218.7	175.6	146.8	125.6	99.2	85.3
C&D 2-1000 LBT	1801.0	1291.1	961.4	616.5	369.1	273.3	219.5	183.5	157.0	124.0	106.7
C&D 2-1200 LBT	2161.2	1549	1154	739.7	442.9	328	263.3	220.2	188.4	148.8	128
C&D 2-1500 LBT	2701.5	1936.6	1442.1	924.7	553.6	410.0	329.2	275.3	235.5	186.0	160.0
C&D 2-2000 LBT	3602.0	2582.1	1922.8	1232.9	738.2	546.6	438.9	367.1	314.0	248.1	213.3
C&D 2-2500 LBT	4502.5	3228	2404	1541	922.7	683.3	548.6	458.9	392.4	310.1	266.6
C&D 2-3000 LBT	5403.0	3873.2	2884.2	1849.4	1107.2	819.9	658.4	550.6	470.9	372.1	320.0

产品特性曲线

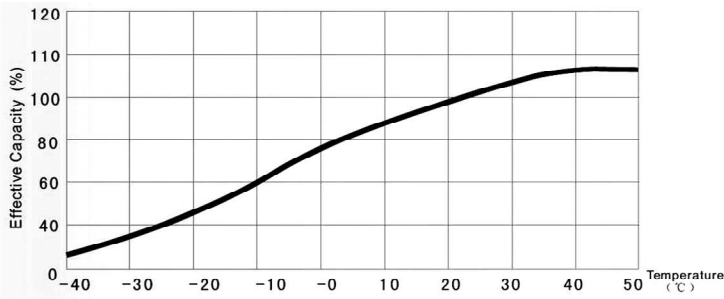
浮充应用的充电特性曲线



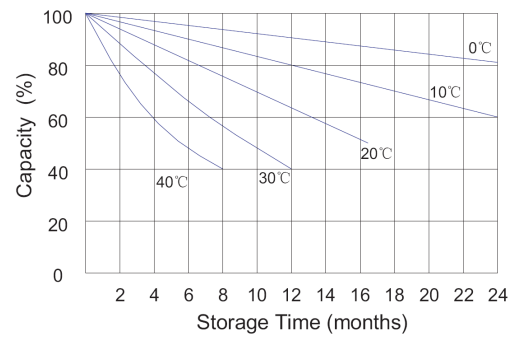
放电特性曲线



温度和容量的曲线



储存特性



注: 技术规格的改变将不预先通知。