



TNC2-1200 (2V1200Ah)



Pb-C技术
Lead Carbon
technology

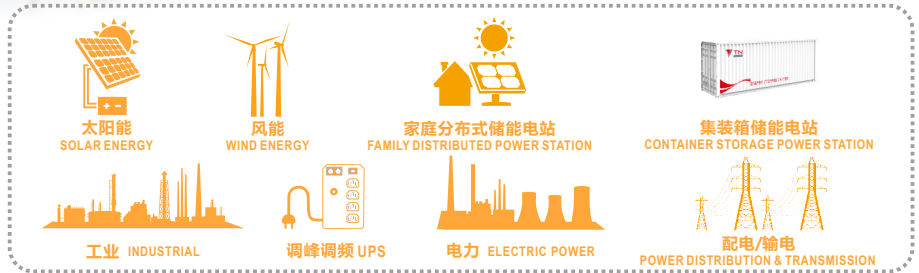
AGM技术
AGM
separator

多元稀土合金
Multi-element
patent rare
earth alloy

PSoC技术
PSoC
technology

70%放电循环
70%DOD
≥4200cycles

应用领域 Product Applications



产品特性 Product Specifications

额定电压 Nominal Voltage	额定容量 Rated Capacity (10hr)	内阻 Internal Resistance	短路电流 Short Circuit Current	推荐使用温度范围 Operating Temp. Range
2V	1200Ah@25°C (77°F, 1.80V/cell)	0.4mΩ@25°C(77°F)	9600A(5s)	放电 Discharge : -15 ~ +50°C (5 ~ 122°F) 充电 Charge : 0 ~ 40°C (32 ~ 104°F) 储存 Storage : -15 ~ +40°C (5 ~ 104°F) 最佳 Optimum : 25±3°C (77±5°F)

物理特性 Physical Specifications

材料 Material	端子 Terminal Type	尺寸 Dimensions				重量 Weight
ABS UL94-HB (阻燃 ABS UL94-V0)	I11	长 Length	宽 Width	高 Height	总高 TH	89.0kg 196.2(lbs)
		233±1mm (9.17 inch.)	210±1mm (8.27 inch.)	646±2mm (25.4 inch.)	681±2mm (26.8 inch.)	

恒流放电参数 Constant Current Discharge(A)@25°C(77°F)

终止电压/时间 E.V / Time	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h	72h	100h	120h
1.85V/cell	1091	902	725	602	373	286	235	201	177	142	118	63.1	19.6	15.0	12.8
1.80V/cell	1211	967	762	630	390	299	242	207	182	146	120	64.3	20.0	15.3	13.0
1.75V/cell	1307	1024	802	660	406	310	249	213	186	149	122	65.3	20.3	15.6	13.2
1.70V/cell	/	1074	830	682	422	320	257	217	190	151	124	66.3	20.6	15.8	13.5
1.67V/cell	/	1128	866	706	436	326	264	223	194	154	126	67.3	21.0	16.0	13.6
1.60V/cell	/	1165	890	722	444	332	269	228	197	156	128	68.2	21.2	16.2	13.8

恒功率放电参数 Constant Power Discharge(W/cell)@25°C(77°F)

终止电压/时间 E.V / Time	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h	72h	100h	120h
1.85V/cell	2082	1742	1413	1180	736	566	467	401	354	285	237	129	40.1	30.7	26.1
1.80V/cell	2290	1849	1473	1227	765	590	480	410	361	291	241	131	40.7	31.2	26.5
1.75V/cell	2442	1941	1540	1278	792	610	492	420	368	296	244	133	41.3	31.6	26.9
1.70V/cell	/	2020	1586	1313	821	627	505	428	376	301	249	135	41.9	32.1	27.4
1.67V/cell	/	2108	1646	1354	844	637	517	438	382	306	252	137	42.5	32.5	27.7
1.60V/cell	/	2160	1677	1377	854	642	524	446	388	309	254	138	42.9	32.9	28.0

ISO9001

ISO14001

OHSAS18001

IEC

ROHS



Tianneng Battery Group Co., Ltd.

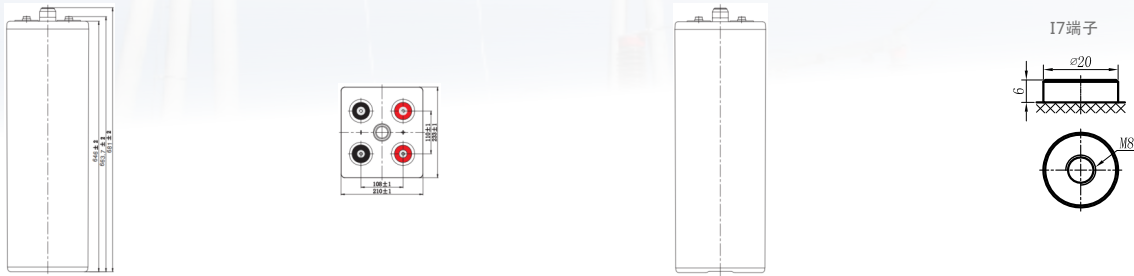
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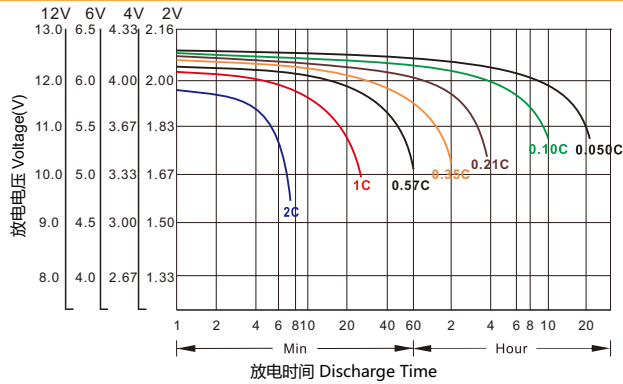
Shanghai Tianneng Battery Group Co., Ltd. Tianneng without notice

外形尺寸 Battery Dimensions(mm)

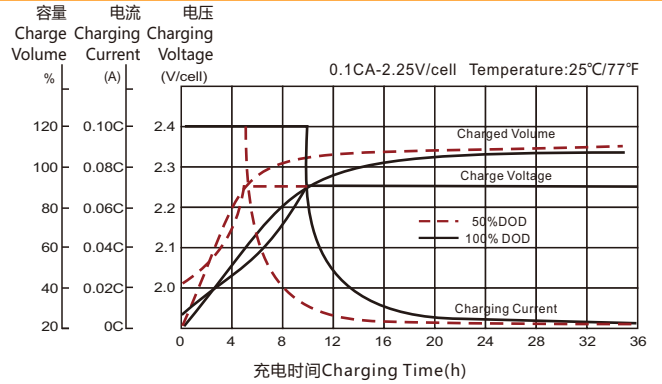


电性能 Electrical Characteristics

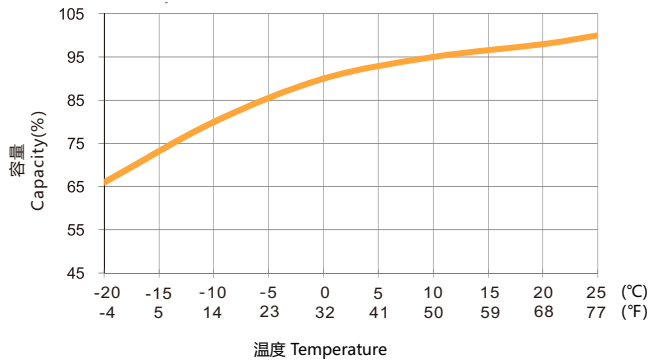
不同倍率放电特性 Discharge Characteristics(25°C/77°F)



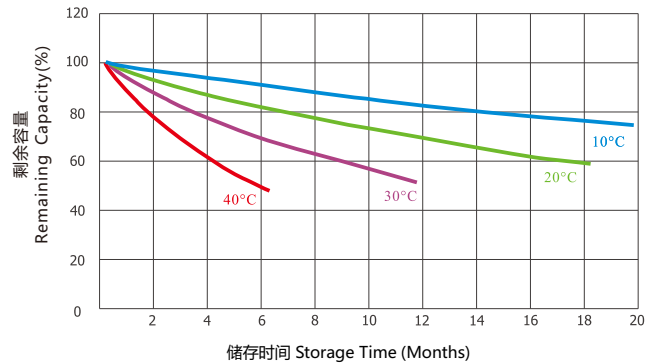
充电特性曲线 Charging Characteristics



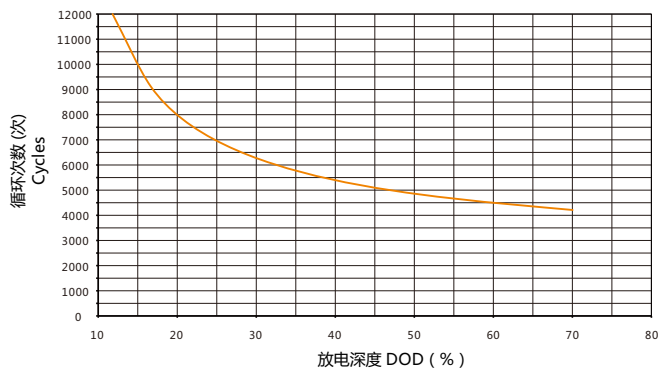
电池容量曲线 Capacity vs Temperature



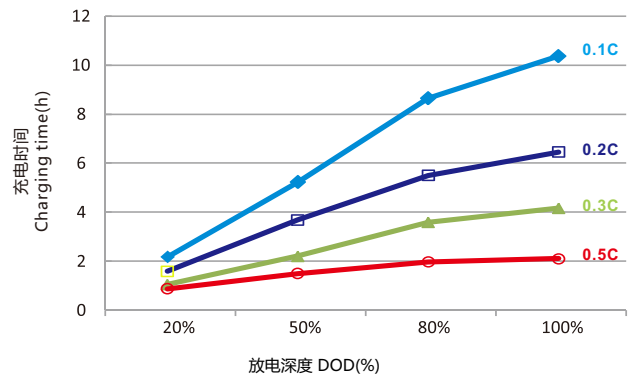
自放电曲线 Self-discharge vs Time



循环次数与放电深度 Cycle Life vs DOD



充电时间与放电深度 Charging Time vs DOD



充电电流 Charge Current

限流: $\leq 0.3C_{10}A$
Limited current: $\leq 0.3C_{10}A$

快速充电 Fast Charge

恒压 Constant voltage: 2.30~2.40V@25°C(77°F)
温度补偿系数 Temp.Coefficient: -4mV/°C

浮充电 Float Charge

恒压 Constant voltage: 2.20~2.30V@25°C(77°F)
温度补偿系数 Temp.Coefficient: -3mV/°C