



# 常规系列 (General purpose) DJ800(2V800Ah)

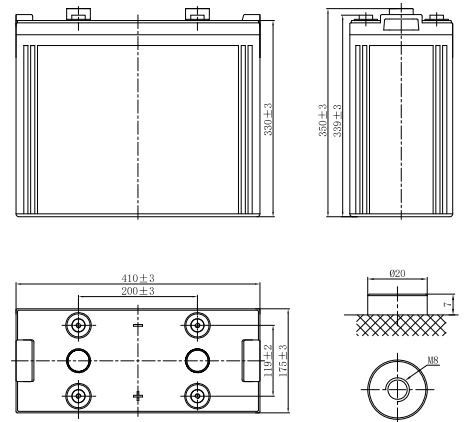


## 规格 Specifications

额定电压 Rated Voltage	2V	
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	800Ah	
尺寸 Dimension	长 Length	410±3mm (16.1 in.)
	宽 Width	175±3mm (6.89 in.)
	高 Container Height	330±3mm (13.0 in.)
	总高(含端子) Total Height	350±3mm (13.8 in.)
重量 Approx Weight	50.4 Kg (111.1 lbs)	
端子 Terminal	M8	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	848.0Ah	C20(42.4A, 1.80V/cell)
	800.0Ah	C10(80.0A, 1.80V/cell)
	700.0Ah	C5(140.0A, 1.75V/cell)
	624.0Ah	C3(208.0A, 1.75V/cell)
	468.0Ah	C1(468.0A, 1.67V/cell)
5S最大放电电流 Max. Discharge Current	6400A (5s)	
内阻 Internal Resistance (25°C)	Approx 0.40mΩ	
运行温度 Operating Temp. Range	放电 Discharge	-20 ~ 55°C (-4 ~ 131°F)
	充电 Charge	0 ~ 40°C (32 ~ 104°F)
	存储 Storage	-15 ~ 50°C (5 ~ 122°F)
推荐温度 Nominal Operating Temp. Range	25±5°C (77±5°F)	
最大充电电流 (25°C) Max. Charging Current	240.0A	
充电电压 (25°C) Charge voltage	浮充 Float	2.23~2.27V
	温度补偿 Temp. Coefficient	-3mV/单格/°C
	均充 Equalization	2.30~2.35V
温度对容量影响 Effect of temp. to Capacity	40°C (104°F)	106%
	25°C (77°F)	100%
	0°C (32°F)	86%
自放电 Self Discharge	≤3%/月 @ 25°C	



## 外形 Layout



## 恒流放电表(A) 25 °C Constant Current Discharge

F.V/Time	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	556.8	440.2	385.3	303.8	246.1	187.3	150.6	127.1	110.3	89.7	75.0	40.2
1.80V/cell	629.5	492.3	426.4	332.4	267.8	202.6	162.3	136.9	118.3	96.0	80.0	42.4
1.75V/cell	658.0	512.3	442.2	343.6	276.0	208.0	166.4	140.0	120.8	97.7	81.2	42.9
1.70V/cell	702.6	531.7	458.4	355.2	284.8	214.1	170.6	143.2	123.4	99.5	82.5	43.5
1.67V/cell	751.1	543.7	468.0	361.6	289.6	217.3	173.0	145.0	124.9	100.5	83.2	43.8
1.60V/cell	759.7	571.7	490.8	377.8	301.6	225.3	178.7	149.4	128.4	102.9	85.0	44.6

## 恒功率放电表(W) 25 °C Constant Power Discharge

F.V/Time	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	1076.2	853.6	749.0	592.4	481.0	367.1	296.0	250.2	217.5	177.2	148.4	79.9
1.80V/cell	1206.5	947.5	823.3	644.5	520.7	395.6	317.9	268.7	232.7	189.3	158.1	84.2
1.75V/cell	1250.3	978.5	847.7	662.1	533.7	404.4	324.7	273.9	236.9	192.4	160.3	85.2
1.70V/cell	1322.9	1007.6	872.8	680.4	547.9	414.3	331.7	279.4	241.4	195.4	162.5	86.3
1.67V/cell	1400.8	1025.1	886.7	690.0	555.1	419.4	335.4	282.2	243.9	197.1	163.8	86.8
1.60V/cell	1404.7	1066.6	921.1	714.9	574.0	432.3	344.9	289.6	249.7	201.2	166.8	88.3



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## 应用 Applications

- 通讯  
Telecommunications
- UPS、数据机房  
UPS、Data Rooms
- 紧急照明、安防  
Emergency Lighting、Security
- 储能、电力  
Energy Storage、Electric Systems
- 新能源系统  
New Energy Systems

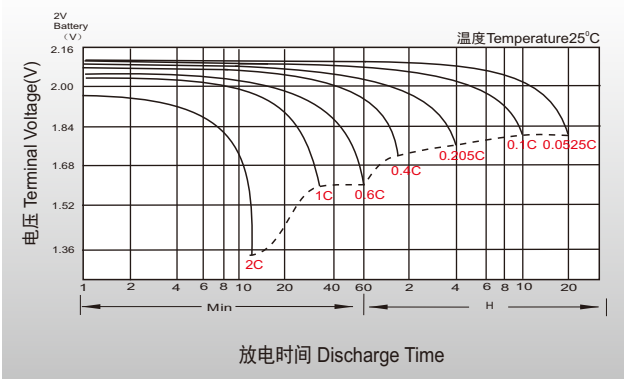
## 特征 General Features

- 25°C下，设计浮充寿命可达16年。  
Under 25°C, the designed floating life is up to 16 years.
- 特殊的排气结构和密封技术,使用安全可靠,安装灵活,维护便捷。  
Special exhaust structure and sealing technology, safe and reliable, flexible installation, convenient maintenance.

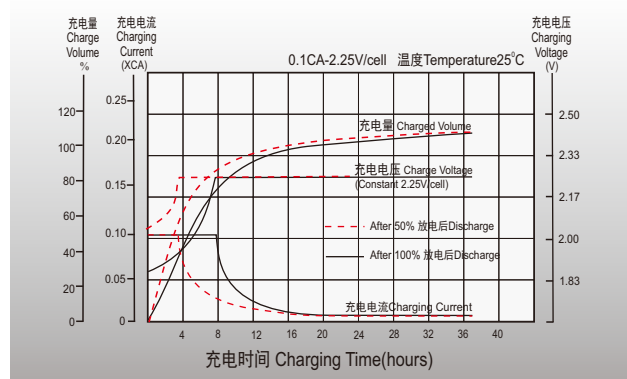
## 标准 Standards

- 符合IEC 60896, GB/T19638, YD/T 799和DL/T 637标准  
Compliance with IEC 60896,GB/T19638, YD/T 799 and DL/T 637 standards
- UL 认证, 泰尔认证, CE 认证  
UL Certified, TLC Certified, CE Certified
- 企业通过了IATF16949, ISO 45001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch@IATF16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities

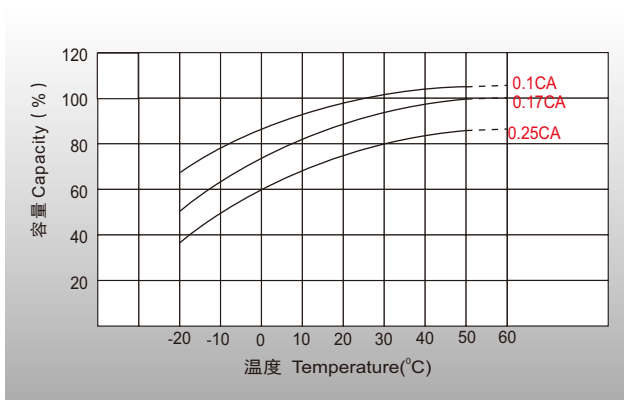
## 放电特性曲线 Discharge Characteristics



## 浮充特性曲线 Float Charging Characteristics



## 温度对容量影响 Temperature Effects in Relation to Battery Capacity



## 温度对浮充寿命影响 Temperature Effects on Long Term Float Life

