



# 常规系列 (General purpose) DJ400(2V400Ah)

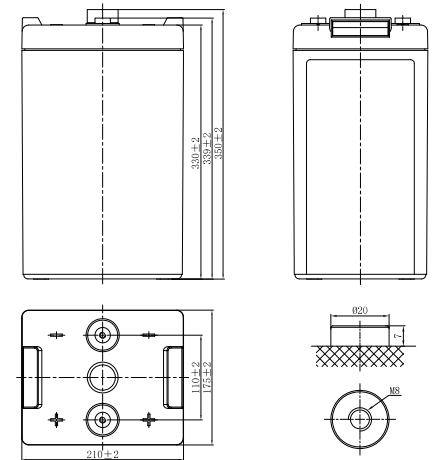


## 规格 Specifications

额定电压 Rated Voltage	2V	
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	400Ah	
尺寸 Dimension	长 Length	210±2mm (8.26 in.)
	宽 Width	175±2mm (6.89 in.)
	高 Container Height	330±2mm (12.99 in.)
	总高(含端子) Total Height	350±2mm (13.78 in.)
重量 Approx Weight	25.5 Kg (56.21 lbs)	
端子 Terminal	M8	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	424.0Ah	C20(21.2A, 1.80V/cell)
	400.0Ah	C10(40.0A, 1.80V/cell)
	350.0Ah	C5(70.0A, 1.75V/cell)
	312.0Ah	C3(104.0A, 1.75V/cell)
	234.0Ah	C1(234.0A, 1.67V/cell)
5S最大放电电流 Max. Discharge Current	3200A (5s)	
内阻 Internal Resistance (25°C)	Approx 0.60mΩ	
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	120.0A	
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	278.4	220.1	192.7	151.9	123.1	93.6	75.3	63.6	55.2	44.8	37.5	20.1
1.80V/cell	314.8	246.1	213.2	166.2	133.9	101.3	81.2	68.5	59.2	48.0	40.0	21.2
1.75V/cell	329.0	256.1	221.1	171.8	138.0	104.0	83.2	70.0	60.4	48.9	40.6	21.5
1.70V/cell	351.3	265.9	229.2	177.6	142.4	107.0	85.3	71.6	61.7	49.7	41.3	21.7
1.67V/cell	375.6	271.8	234.0	180.8	144.8	108.7	86.5	72.5	62.4	50.3	41.6	21.9
1.60V/cell	379.9	285.9	245.4	188.9	150.8	112.7	89.4	74.7	64.2	51.5	42.5	22.3

## 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	538.1	426.8	374.5	296.2	240.5	183.6	148.0	125.1	108.8	88.6	74.2	40.0
1.80V/cell	603.3	473.8	411.6	322.2	260.4	197.8	159.0	134.3	116.4	94.7	79.0	42.1
1.75V/cell	625.2	489.2	423.8	331.0	266.9	202.2	162.3	137.0	118.5	96.2	80.1	42.6
1.70V/cell	661.5	503.8	436.4	340.2	274.0	207.2	165.8	139.7	120.7	97.7	81.3	43.1
1.67V/cell	700.4	512.5	443.4	345.0	277.6	209.7	167.7	141.1	121.9	98.6	81.9	43.4
1.60V/cell	702.4	533.3	460.6	357.4	287.0	216.1	172.4	144.8	124.8	100.6	83.4	44.2



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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

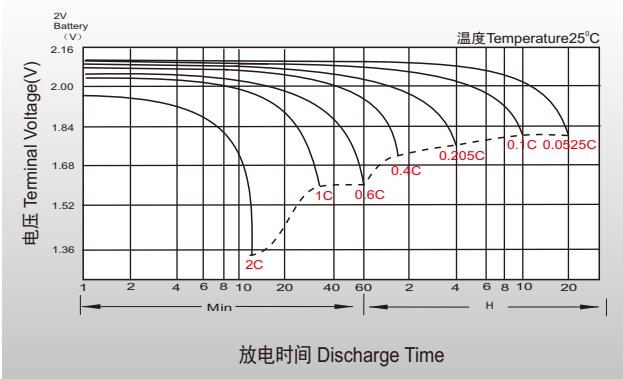
## 特征 General Features

- 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.

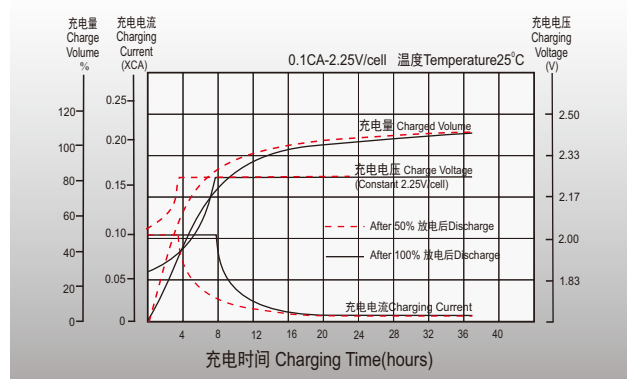
## 标准 Standards

- 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

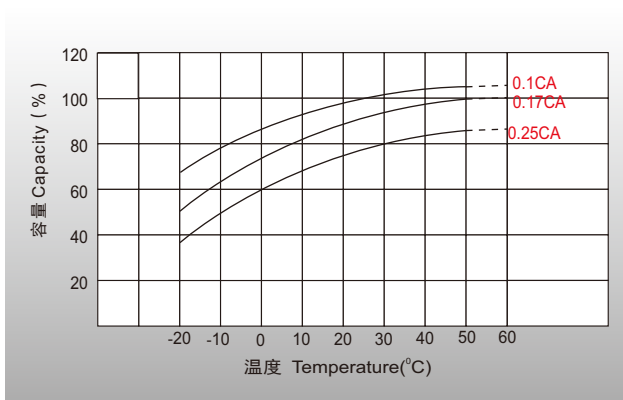
## 放电特性曲线 Discharge Characteristics



## 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

