



常规系列 (General purpose) DJ500(2V500Ah)

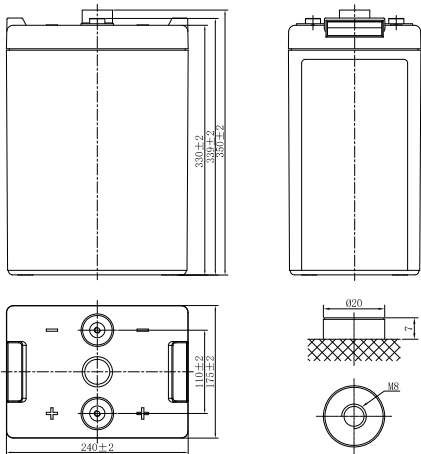


规格 Specifications

额定电压 Rated Voltage		2V	
标称容量 Nominal Capacity (C ₁₀ ,1.80V/cell)		500Ah	
尺寸 Dimension	长 Length	240±2mm (9.45 in.)	
	宽 Width	175±2mm (6.89 in.)	
	高 Container Height	330±2mm (13.0 in.)	
	总高(含端子) Total Height	350±2mm (13.8 in.)	
重量 Approx Weight		30.0 Kg (66.1 lbs)	
端子 Terminal		M8	
外壳材料 Container Material		ABS	
额定容量 Rated Capacity (25°C)	530.0Ah	C20(26.5A,1.80V/cell)	
	500.0Ah	C10(50.0A,1.80V/cell)	
	437.5Ah	C5(87.5A,1.75V/cell)	
	390.0Ah	C3(130.0A,1.75V/cell)	
	292.5Ah	C1(292.5A,1.67V/cell)	
5S最大放电电流 Max. Discharge Current		4000A (5s)	
内阻 Internal Resistance (25°C)		Approx 0.55mΩ	
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		150.0A	
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	348.0	275.1	240.8	189.9	153.8	117.0	94.1	79.4	69.0	56.0	46.9	25.1
1.80V/cell	393.5	307.7	266.5	207.8	167.4	126.6	101.5	85.6	74.0	60.0	50.0	26.5
1.75V/cell	411.2	320.2	276.4	214.8	172.5	130.0	104.0	87.5	75.5	61.1	50.8	26.8
1.70V/cell	439.1	332.3	286.5	222.0	178.0	133.8	106.6	89.5	77.1	62.2	51.6	27.2
1.67V/cell	469.4	339.8	292.5	226.0	181.0	135.8	108.1	90.6	78.1	62.8	52.0	27.4
1.60V/cell	474.8	357.3	306.7	236.1	188.5	140.8	111.7	93.4	80.2	64.3	53.1	27.9

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	672.6	533.5	468.1	370.2	300.6	229.5	185.0	156.4	136.0	110.7	92.7	49.9
1.80V/cell	754.1	592.2	514.5	402.8	325.5	247.3	198.7	167.9	145.5	118.3	98.8	52.6
1.75V/cell	781.4	611.5	529.8	413.8	333.6	252.8	202.9	171.2	148.1	120.2	100.2	53.3
1.70V/cell	826.8	629.8	545.5	425.2	342.5	258.9	207.3	174.6	150.9	122.1	101.6	53.9
1.67V/cell	875.5	640.7	554.2	431.3	347.0	262.1	209.6	176.4	152.4	123.2	102.4	54.3
1.60V/cell	878.0	666.6	575.7	446.8	358.8	270.2	215.5	181.0	156.1	125.7	104.3	55.2



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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

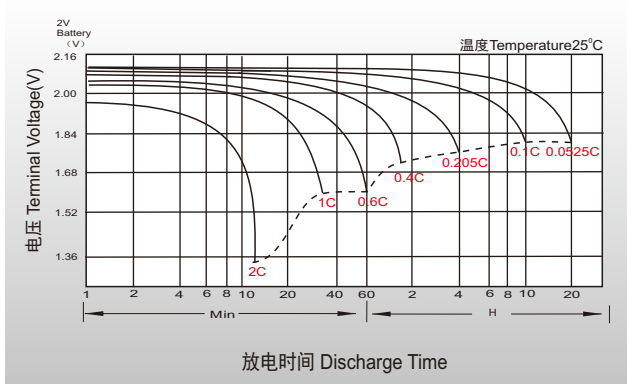
特征 General Features

- 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.

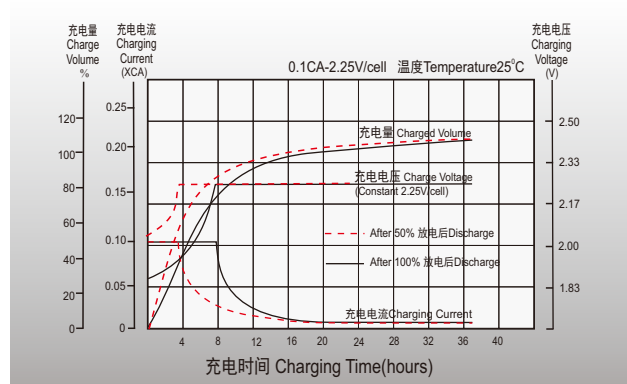
标准 Standards

- 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, UL 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

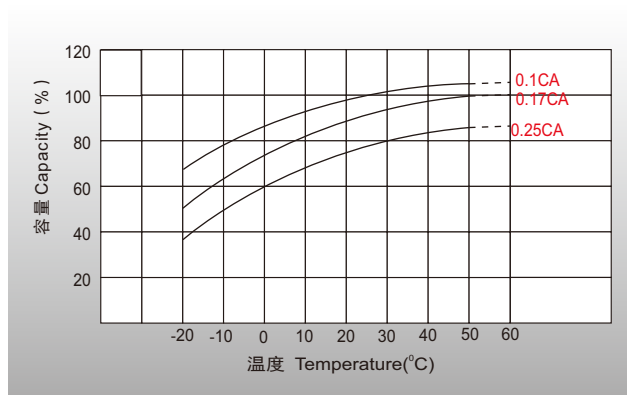
放电特性曲线 Discharge Characteristics



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

