



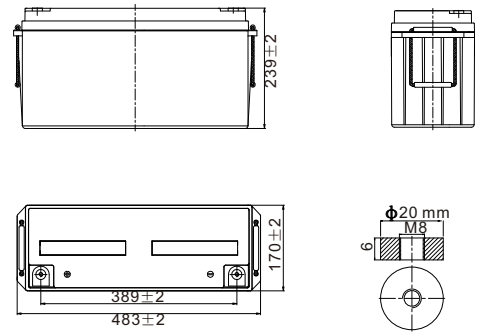
# 常规系列 (General purpose) DJM12150(12V150Ah)

## 规格 Specifications

额定电压 Rated Voltage	12V	
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	150Ah	
尺寸 Dimension	长 Length	483±2mm (19.02 in.)
	宽 Width	170±2mm (6.69 in.)
	高 Container Height	238.5±2mm (9.39 in.)
	总高(含端子) Total Height	239±2mm (9.41 in.)
重量 Approx Weight	43.2kg (95.2 lbs)	
端子 Terminal	M8	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	160.0 Ah	C20(8.0A, 1.80V/cell)
	150.0 Ah	C10(15.0A, 1.80V/cell)
	131.5 Ah	C5(26.3A, 1.75V/cell)
	119.4 Ah	C3(39.8A, 1.75V/cell)
	96.0 Ah	C1(96.0A, 1.67V/cell)
5S最大放电电流 Max. Discharge Current	1500A (5s)	
内阻 Internal Resistance (25°C)	Approx 3.5mΩ	
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	45.0A	
充电电压(25°C) Charge voltage	浮充 Float	13.5V
	温度补偿 Temp. Coefficient	-3mV/单格/°C
	循环(均充) Cycle(Equalization)	14.1~14.4V
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	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	312.2	233.0	194.1	163.1	125.4	93.6	79.0	59.3	47.4	35.8	28.5	23.8	20.7	16.8	14.1	7.53
1.80V/cell	363.9	274.8	225.7	188.0	141.7	104.6	87.5	64.9	51.6	38.7	30.7	25.7	22.2	18.0	15.0	7.95
1.75V/cell	397.1	294.7	238.8	197.2	148.1	108.9	90.7	67.0	53.2	39.8	31.5	26.3	22.7	18.3	15.2	8.05
1.70V/cell	430.1	314.3	252.4	207.5	154.7	113.0	94.0	69.3	54.9	40.9	32.3	26.8	23.1	18.7	15.5	8.15
1.67V/cell	449.1	325.8	260.3	213.4	158.6	115.5	96.0	70.6	55.8	41.5	32.7	27.2	23.4	18.8	15.6	8.21
1.60V/cell	495.0	352.5	279.0	227.3	167.6	121.5	100.7	73.7	58.1	43.1	33.8	28.0	24.1	19.3	15.9	8.36

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

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	593.2	446.1	372.9	314.3	242.3	181.4	153.6	115.6	92.7	70.2	56.0	46.9	40.8	33.2	27.8	15.0
1.80V/cell	681	519.7	429.1	358.7	271.7	201.4	168.9	125.7	100.4	75.6	60.2	50.4	43.6	35.5	29.6	15.8
1.75V/cell	731.8	550.5	449.2	372.7	281.5	207.9	173.9	129.2	102.9	77.3	61.5	51.4	44.4	36.1	30.1	16.0
1.70V/cell	779.7	579.4	469.4	388.3	291.3	214.1	179.0	132.7	105.6	79.2	62.8	52.4	45.3	36.6	30.5	16.2
1.67V/cell	806.2	596.0	485.5	396.8	297.0	217.8	181.9	134.6	107.0	80.1	63.5	52.9	45.7	37.0	30.7	16.3
1.60V/cell	866.3	631.8	506.5	415.9	309.8	226.7	188.9	139.5	110.7	82.6	65.3	54.3	46.8	37.7	31.3	16.6



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## 应用 Applications

- 通讯  
Telecommunications
- UPS、数据中心  
UPS、Data Center
- 储能、电力  
Energy Storage、Electric Systems
- 紧急照明、安防  
Emergency Lighting、Security
- 医疗、电子设备  
Medical、Electronic Equipment
- 动力  
Motive Power

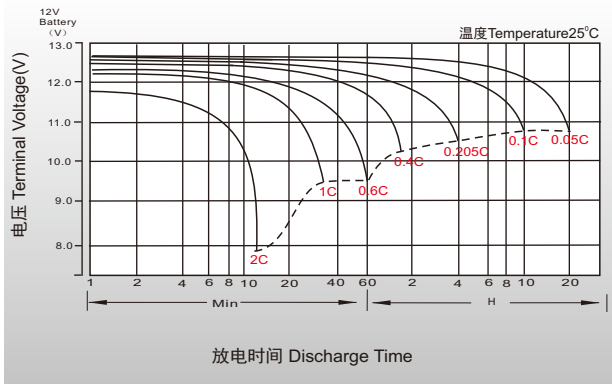
## 特征 General Features

- 25°C下，设计浮充寿命可达12年。  
Under 25°C, the designed floating life is up to 12 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.

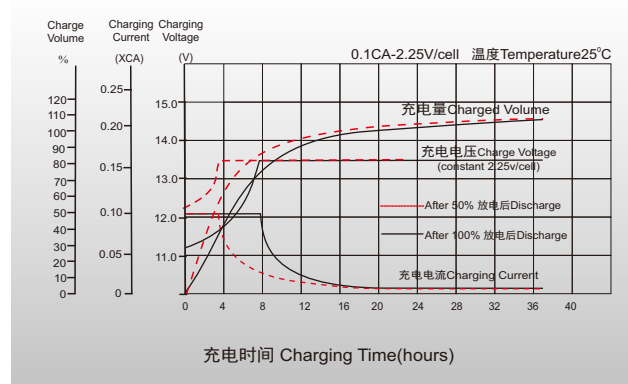
## 标准 Standards

- 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 Certified, TLC Certified
- 企业通过了TS16949, OHSAS 18001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch®TS16949, OHSAS 18001, ISO 9001 and ISO 14001 certified production facilities

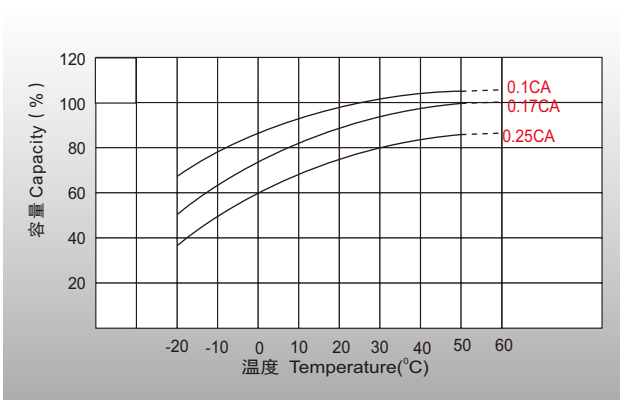
## 放电特性曲线 Discharge Characteristics



## 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

