



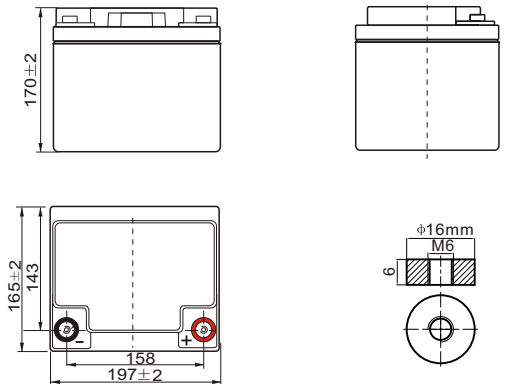
# 常规系列 (General purpose) DJM1238(12V38Ah)

## 规格 Specifications

额定电压 Rated Voltage	12V	
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	38Ah	
尺寸 Dimension	长 Length	197±2mm (7.75 in.)
	宽 Width	165±2mm (6.50 in.)
	高 Container Height	170±2mm (6.69 in.)
	总高(含端子) Total Height	170±2mm (6.69 in.)
重量 Approx Weight	12.2 Kg (26.9 lbs)	
端子 Terminal	M6	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	40.2 Ah	C20(2.01A, 1.80V/cell)
	38.0 Ah	C10(3.80A, 1.80V/cell)
	33.3 Ah	C5(6.65A, 1.75V/cell)
	30.3 Ah	C3(10.1A, 1.75V/cell)
	24.3 Ah	C1(24.3A, 1.67V/cell)
5S最大放电电流 Max. Discharge Current	380A	
内阻 Internal Resistance (25°C)	Approx 10.0mΩ	
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	11.4A	
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)	2.35~2.40V
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(W) 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	79.1	59.0	49.2	41.3	31.8	23.7	20.0	15.0	12.0	9.07	7.22	6.04	5.24	4.26	3.56	1.91
1.80V/cell	92.2	69.6	57.2	47.6	35.9	26.5	22.2	16.4	13.1	9.81	7.79	6.50	5.62	4.56	3.80	2.01
1.75V/cell	100.6	74.7	60.5	50.0	37.5	27.6	23.0	17.0	13.5	10.1	7.98	6.65	5.74	4.64	3.86	2.04
1.70V/cell	109.0	79.6	63.9	52.6	39.2	28.6	23.8	17.6	13.9	10.4	8.18	6.80	5.86	4.73	3.92	2.07
1.67V/cell	113.8	82.5	65.9	54.1	40.2	29.3	24.3	17.9	14.1	10.5	8.29	6.89	5.93	4.77	3.95	2.08
1.60V/cell	125.4	89.3	70.7	57.6	42.4	30.8	25.5	18.7	14.7	10.9	8.57	7.10	6.10	4.89	4.04	2.12

## 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	150.3	113.0	94.5	79.6	61.4	46.0	38.9	29.3	23.5	17.8	14.2	11.9	10.3	8.42	7.05	3.80
1.80V/cell	172.5	131.7	108.7	90.9	68.8	51.0	42.8	31.9	25.4	19.2	15.2	12.8	11.1	8.99	7.51	4.00
1.75V/cell	185.4	139.5	113.8	94.4	71.3	52.7	44.0	32.7	26.1	19.6	15.6	13.0	11.3	9.14	7.61	4.05
1.70V/cell	197.5	146.8	118.9	98.4	73.8	54.2	45.4	33.6	26.8	20.1	15.9	13.3	11.5	9.28	7.72	4.10
1.67V/cell	204.2	151.0	123.0	100.5	75.2	55.2	46.1	34.1	27.1	20.3	16.1	13.4	11.6	9.36	7.78	4.12
1.60V/cell	219.5	160.0	128.3	105.4	78.5	57.4	47.9	35.3	28.0	20.9	16.5	13.8	11.9	9.56	7.92	4.19



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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

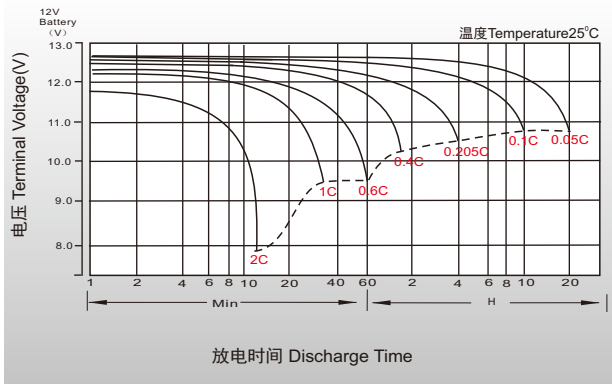
## 特征 General Features

- 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.

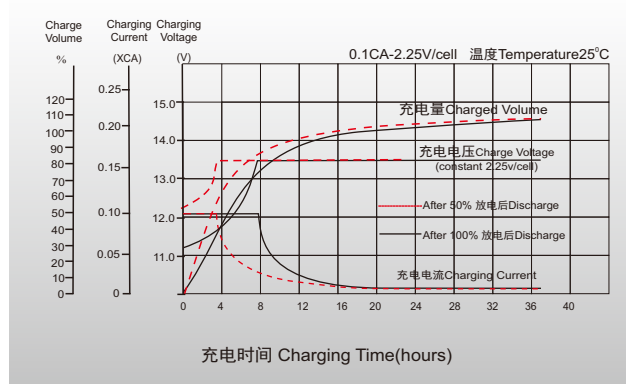
## 标准 Standards

- 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

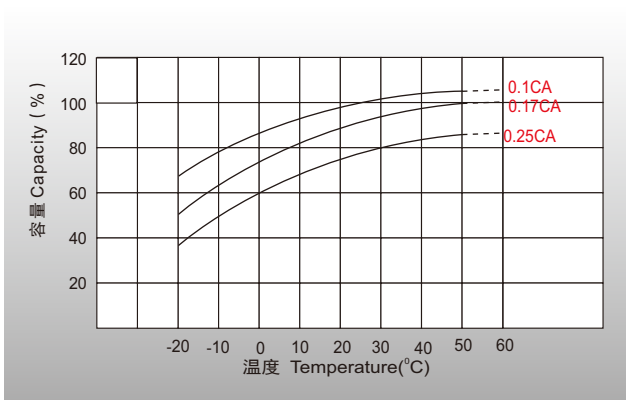
## 放电特性曲线 Discharge Characteristics



## 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

