



# 常规系列 (General purpose) DJM1290(12V90Ah)

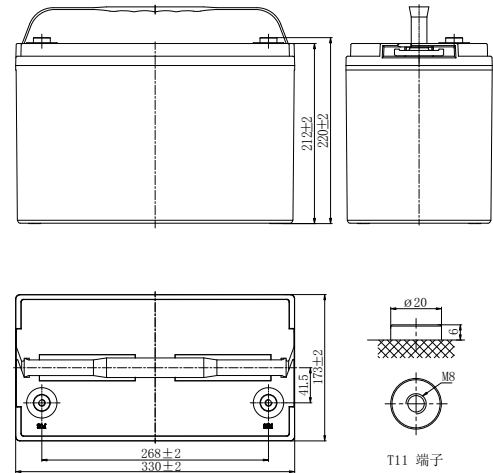


## 规格 Specifications

额定电压 Rated Voltage	12V	
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	90Ah	
尺寸 Dimension	长 Length	330±2mm (12.99 in.)
	宽 Width	173±2mm (6.81 in.)
	高 Container Height	212±2mm (8.35 in.)
	总高(含端子) Total Height	220±2mm (8.66 in.)
重量 Approx Weight	27.8kg (61.3 lbs)	
端子 Terminal	M8	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	95.4 Ah	C20(4.77A, 1.80V/cell)
	90.0 Ah	C10(9.0A, 1.80V/cell)
	79.0 Ah	C5(15.8A, 1.75V/cell)
	71.7 Ah	C3(23.9A, 1.75V/cell)
	57.6 Ah	C1(57.6A, 1.67V/cell)
5S最大放电电流 Max. Discharge Current	900A (5s)	
内阻 Internal Resistance (25°C)	Approx 5.5mΩ	
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	27.0A	
充电电压(25°C) Charge voltage	浮充 Float	13.5~13.8V
	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(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	187.3	139.8	116.5	97.9	75.2	56.1	47.4	35.6	28.5	21.5	17.1	14.3	12.4	10.1	8.43	4.52
1.80V/cell	218.3	164.9	135.4	112.8	85.0	62.8	52.5	38.9	31.0	23.2	18.4	15.4	13.3	10.8	9.00	4.77
1.75V/cell	238.3	176.8	143.3	118.3	88.9	65.3	54.4	40.2	31.9	23.9	18.9	15.8	13.6	11.0	9.14	4.83
1.70V/cell	258.1	188.6	151.4	124.5	92.8	67.8	56.4	41.6	32.9	24.5	19.4	16.1	13.9	11.2	9.28	4.89
1.67V/cell	269.4	195.5	156.2	128.0	95.2	69.3	57.6	42.3	33.5	24.9	19.6	16.3	14.0	11.3	9.36	4.93
1.60V/cell	297.0	211.5	167.4	136.4	100.5	72.9	60.4	44.2	34.9	25.8	20.3	16.8	14.4	11.6	9.56	5.02

## 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	355.9	267.7	223.7	188.6	145.4	108.8	92.2	69.3	55.6	42.1	33.6	28.1	24.5	19.9	16.7	8.99
1.80V/cell	408.6	311.8	257.5	215.2	163.0	120.8	101.3	75.4	60.2	45.4	36.1	30.2	26.2	21.3	17.8	9.48
1.75V/cell	439.1	330.3	269.5	223.6	168.9	124.8	104.3	77.5	61.7	46.4	36.9	30.8	26.7	21.6	18.0	9.59
1.70V/cell	467.8	347.7	281.7	233.0	174.8	128.5	107.4	79.6	63.4	47.5	37.7	31.4	27.2	22.0	18.3	9.70
1.67V/cell	483.7	357.6	291.3	238.1	178.2	130.7	109.1	80.8	64.2	48.1	38.1	31.7	27.4	22.2	18.4	9.77
1.60V/cell	519.8	379.1	303.9	249.5	185.9	136.0	113.4	83.7	66.4	49.6	39.2	32.6	28.1	22.6	18.8	9.93



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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

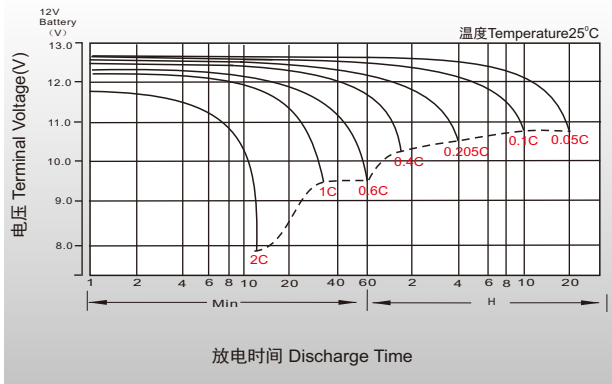
## 特征 General Features

- 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.

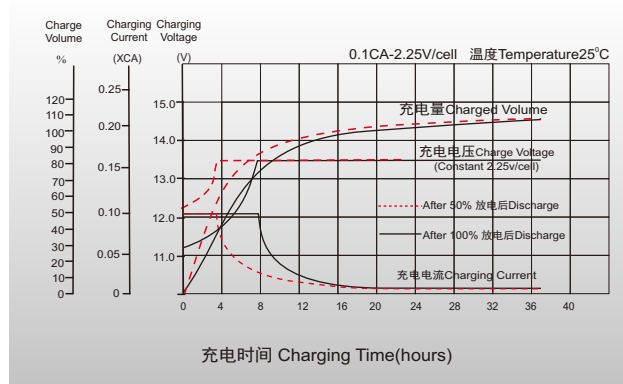
## 标准 Standards

- 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IATF16949, OHSAS 18001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch@IATF16949, OHSAS 18001, ISO 9001 and ISO 14001 certified production facilities

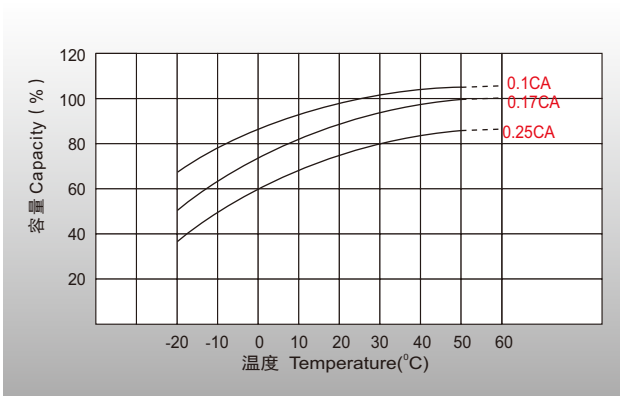
## 放电特性曲线 Discharge Characteristics



## 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

