



# 常规系列 (General purpose) DJW12-10(12V10Ah)

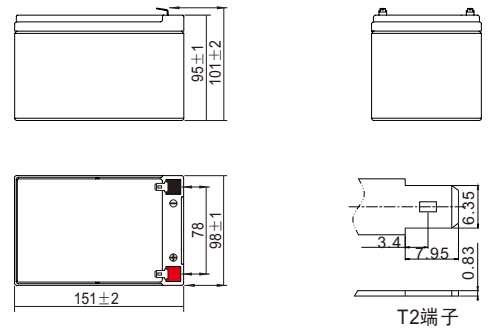


## 规格 Specifications

额定电压 Rated Voltage	12V	
标称容量 Nominal Capacity(C <sub>20</sub> ,1.80V/cell)	10Ah	
尺寸 Dimension	长 Length	151±2mm (5.95 in.)
	宽 Width	98±1mm (3.86 in.)
	高 Container Height	95±1mm (3.74 in.)
	总高(含端子) Total Height	101±2mm (3.98 in.)
重量 Approx Weight	3.20 Kg (7.05 lbs)	
端子 Terminal	T1/T2	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	10.0 Ah	C20(0.500A,1.80V/cell)
	9.30 Ah	C10(0.930A,1.80V/cell)
	8.60 Ah	C5(1.72A,1.75V/cell)
	7.89 Ah	C3(2.63A,1.75V/cell)
	6.42 Ah	C1(6.42A,1.67V/cell)
5S最大放电电流 Max. Discharge Current	150A (5s)	
内阻 Internal Resistance (25°C)	Approx 22.0mΩ	
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	3.0A	
充电电压(25°C) Charge voltage	浮充 Float	13.6~13.8V
	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(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	25.1	17.3	13.7	11.2	8.43	6.24	5.29	3.95	3.16	2.37	1.87	1.56	1.34	1.06	0.871	0.474
1.80V/cell	29.3	20.4	15.9	12.9	9.53	6.98	5.85	4.32	3.44	2.56	2.02	1.68	1.44	1.14	0.930	0.500
1.75V/cell	31.9	21.9	16.9	13.5	9.96	7.27	6.07	4.47	3.55	2.63	2.07	1.72	1.47	1.16	0.944	0.506
1.70V/cell	34.6	23.4	17.8	14.2	10.4	7.54	6.29	4.62	3.66	2.71	2.12	1.76	1.50	1.18	0.959	0.513
1.67V/cell	36.1	24.2	18.4	14.6	10.7	7.71	6.42	4.70	3.72	2.75	2.15	1.78	1.52	1.19	0.968	0.517
1.60V/cell	39.8	26.2	19.7	15.6	11.3	8.11	6.73	4.91	3.88	2.85	2.22	1.84	1.56	1.22	0.988	0.526

## 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	47.8	33.2	26.3	21.6	16.3	12.1	10.3	7.71	6.18	4.64	3.68	3.07	2.65	2.10	1.72	0.942
1.80V/cell	55.0	38.7	30.3	24.6	18.3	13.4	11.3	8.38	6.69	5.00	3.96	3.30	2.83	2.25	1.84	0.993
1.75V/cell	59.3	41.0	31.8	25.6	18.9	13.9	11.6	8.61	6.86	5.11	4.04	3.37	2.88	2.28	1.86	1.01
1.70V/cell	63.4	43.2	33.2	26.7	19.6	14.3	12.0	8.85	7.04	5.24	4.13	3.43	2.94	2.32	1.89	1.02
1.67V/cell	65.6	44.5	34.3	27.2	20.0	14.5	12.2	8.97	7.13	5.30	4.17	3.47	2.97	2.34	1.90	1.02
1.60V/cell	71.4	47.6	35.9	28.6	20.8	15.1	12.6	9.30	7.38	5.47	4.29	3.56	3.04	2.39	1.94	1.04



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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

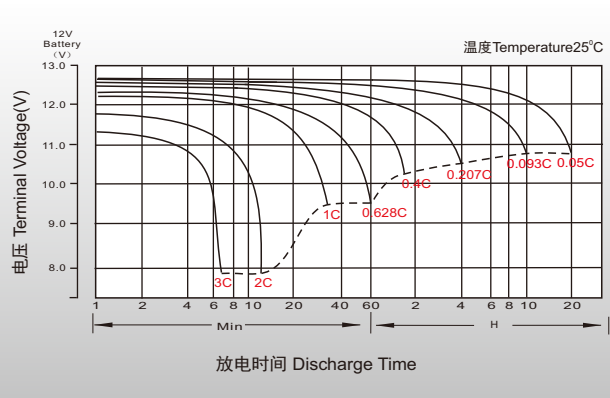
## 特征 General Features

- 25°C下，设计浮充寿命可达5年。  
Under 25°C, the designed floating life is up to 5 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.

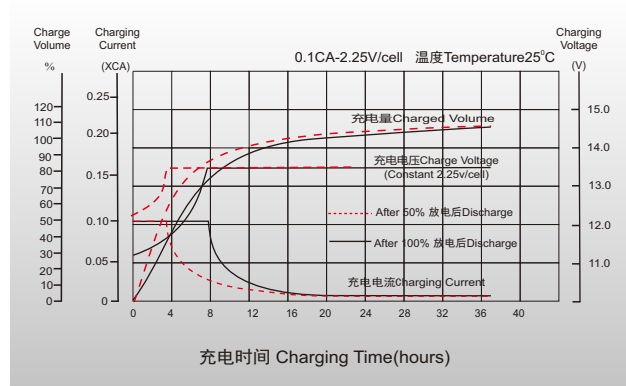
## 标准 Standards

- 符合IEC 61056, GB/T19639  
Compliance with IEC 61056, GB/T19639
- UL 认证  
UL 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

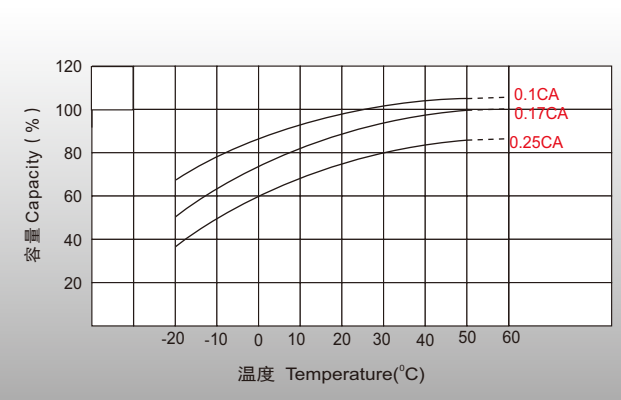
## 放电特性曲线 Discharge Characteristics



## 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

