



# 常规系列 (General purpose) DJW12-7.0(12V7.0Ah)

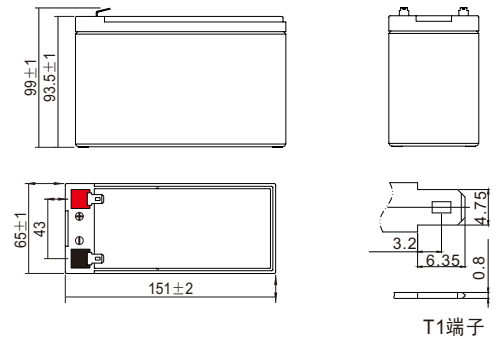


## 规格 Specifications

额定电压 Rated Voltage	12V	
标称容量 Nominal Capacity(C <sub>20</sub> ,1.80V/cell)	7.0 Ah	
尺寸 Dimension	长 Length	151±2mm (5.94 in.)
	宽 Width	65±1mm (2.56 in.)
	高 Container Height	93.5±1mm (3.68 in.)
	总高(含端子) Total Height	99.5±1mm (3.90 in.)
重量 Approx Weight	2.26 Kg (4.98 lbs)	
端子 Terminal	T1/T2	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	7.00 Ah	C20(0.350A,1.80V/cell)
	6.53 Ah	C10(0.653A,1.80V/cell)
	5.80 Ah	C5(1.160A,1.75V/cell)
	5.13 Ah	C3(1.710A,1.75V/cell)
	4.17 Ah	C1(4.170A,1.67V/cell)
5S最大放电电流 Max. Discharge Current	105A (5s)	
内阻 Internal Resistance (25°C)	Approx 25.0mΩ	
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	2.1A	
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)	13.6~13.8V
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



T1端子

## 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	16.0	11.7	9.97	8.46	6.17	4.52	3.60	2.69	2.14	1.60	1.30	1.10	0.95	0.76	0.626	0.343
1.80V/cell	19.2	13.7	11.3	9.20	6.65	4.80	3.83	2.83	2.24	1.66	1.35	1.14	0.99	0.78	0.653	0.350
1.75V/cell	21.5	14.9	12.0	9.70	6.92	4.99	3.98	2.93	2.31	1.71	1.38	1.16	1.01	0.80	0.663	0.357
1.70V/cell	23.4	15.9	12.8	10.2	7.18	5.12	4.05	2.98	2.36	1.75	1.41	1.19	1.03	0.81	0.672	0.361
1.67V/cell	25.5	16.8	13.4	10.6	7.43	5.28	4.17	3.06	2.40	1.77	1.43	1.21	1.04	0.82	0.680	0.365
1.60V/cell	26.8	17.6	13.8	10.9	7.64	5.42	4.26	3.11	2.46	1.81	1.46	1.23	1.06	0.84	0.690	0.371

## 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	30.3	22.3	19.2	16.4	12.0	8.86	7.09	5.30	4.23	3.17	2.59	2.20	1.91	1.52	1.260	0.694
1.80V/cell	35.9	25.8	21.5	17.7	12.9	9.37	7.52	5.56	4.42	3.30	2.69	2.27	1.97	1.57	1.310	0.704
1.75V/cell	39.8	28.0	22.8	18.6	13.4	9.72	7.79	5.74	4.55	3.37	2.74	2.31	2.00	1.59	1.330	0.716
1.70V/cell	42.8	29.5	24.0	19.3	13.8	9.89	7.88	5.79	4.61	3.42	2.78	2.34	2.03	1.61	1.330	0.718
1.67V/cell	45.7	30.7	24.8	19.8	14.1	10.1	8.02	5.88	4.65	3.45	2.80	2.36	2.05	1.62	1.340	0.720
1.60V/cell	47.0	31.5	25.1	20.1	14.3	10.3	8.13	5.93	4.73	3.50	2.83	2.39	2.07	1.63	1.350	0.728



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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

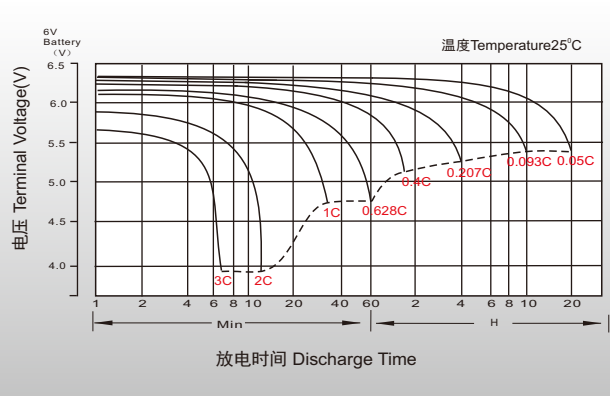
## 特征 General Features

- 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.

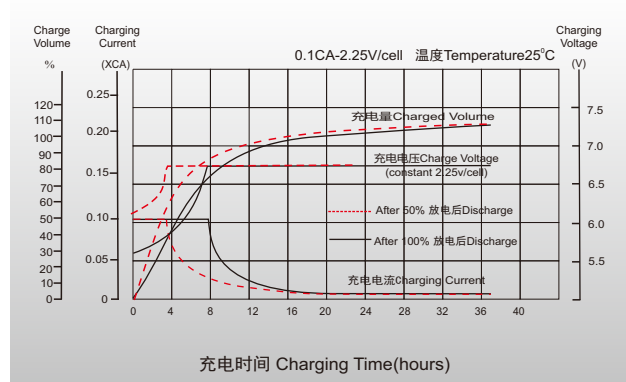
## 标准 Standards

- 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

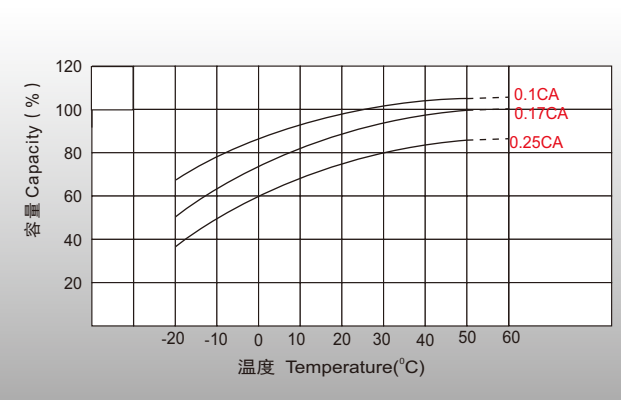
## 放电特性曲线 Discharge Characteristics



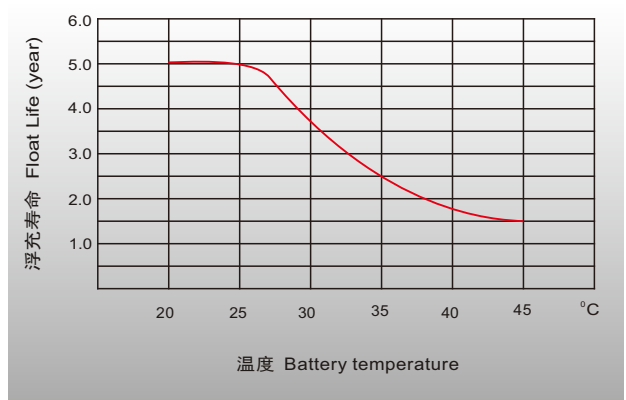
## 浮充特性曲线 Float Charging Characteristics



## 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



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