



# 常规系列 (General purpose) DJW12-5.4(12V5.4Ah)

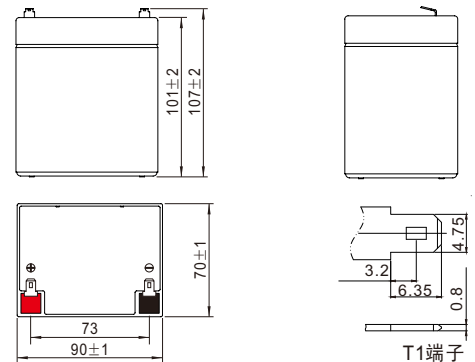


## 规格 Specifications

额定电压 Rated Voltage	12V	
标称容量 Nominal Capacity(C <sub>20</sub> ,1.80V/cell)	5.4Ah	
尺寸 Dimension	长 Length	90±1mm (3.54 in.)
	宽 Width	70±1mm (2.76 in.)
	高 Container Height	101±2mm (3.98 in.)
	总高(含端子) Total Height	107±2mm (4.21 in.)
重量 Approx Weight	1.80 Kg (3.97 lbs)	
端子 Terminal	T1/T2	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	5.40 Ah	C20(0.270A,1.80V/cell)
	5.00 Ah	C10(0.501A,1.80V/cell)
	4.45 Ah	C5(0.890A,1.75V/cell)
	4.05 Ah	C3(1.350A,1.75V/cell)
	3.68 Ah	C1(3.680A,1.67V/cell)
5S最大放电电流 Max. Discharge Current	81A (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	1.62A	
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(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	17.90	12.0	9.35	7.78	5.80	4.21	3.29	2.46	1.78	1.27	1.01	0.84	0.73	0.58	0.487	0.265
1.80V/cell	20.20	13.1	10.1	8.27	6.08	4.36	3.41	2.52	1.84	1.31	1.03	0.87	0.75	0.61	0.501	0.270
1.75V/cell	22.1	13.9	10.7	8.69	6.32	4.52	3.52	2.59	1.90	1.35	1.07	0.89	0.78	0.62	0.514	0.275
1.70V/cell	23.6	14.6	11.2	9.02	6.57	4.66	3.61	2.65	1.95	1.39	1.10	0.92	0.79	0.63	0.524	0.279
1.67V/cell	24.7	15.1	11.5	9.30	6.73	4.77	3.68	2.70	1.99	1.42	1.12	0.93	0.81	0.64	0.529	0.281
1.60V/cell	25.5	15.5	11.8	9.49	6.83	4.85	3.74	2.73	2.02	1.43	1.14	0.95	0.82	0.65	0.534	0.282

## 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	33.5	22.4	17.6	14.7	11.0	8.08	6.35	4.75	3.47	2.48	1.97	1.64	1.43	1.15	0.964	0.524
1.80V/cell	36.5	24.1	18.6	15.5	11.5	8.30	6.54	4.83	3.55	2.54	2.01	1.69	1.47	1.19	0.989	0.534
1.75V/cell	39.6	25.2	19.6	16.1	11.8	8.56	6.73	4.96	3.65	2.61	2.07	1.74	1.51	1.22	1.015	0.544
1.70V/cell	41.7	26.2	20.3	16.6	12.2	8.77	6.88	5.05	3.75	2.68	2.13	1.78	1.55	1.24	1.034	0.551
1.67V/cell	43.0	26.7	20.7	16.9	12.4	8.92	6.97	5.11	3.81	2.72	2.16	1.81	1.57	1.25	1.043	0.554
1.60V/cell	43.5	27.0	20.8	17.0	12.4	8.99	7.04	5.14	3.85	2.74	2.18	1.82	1.58	1.26	1.049	0.556



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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

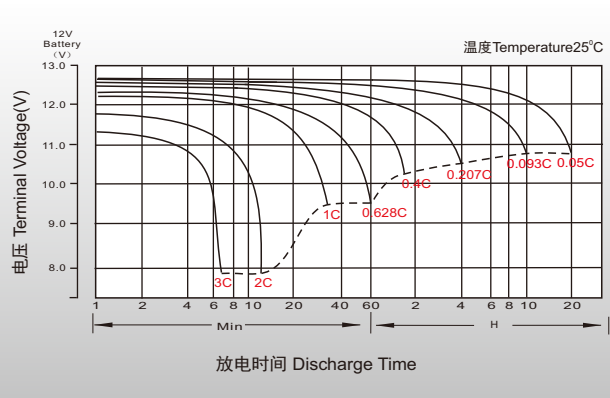
## 特征 General Features

- 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.

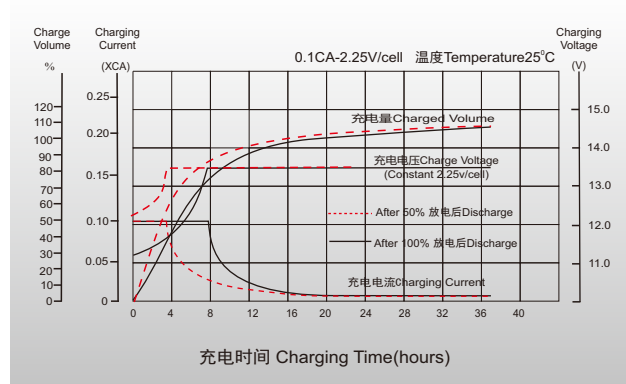
## 标准 Standards

- 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

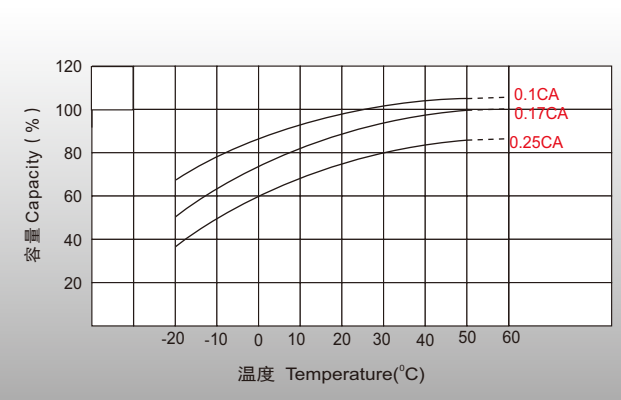
## 放电特性曲线 Discharge Characteristics



## 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

