



# 常规系列 (General purpose) DJW12-5.0T(12V5.0Ah)

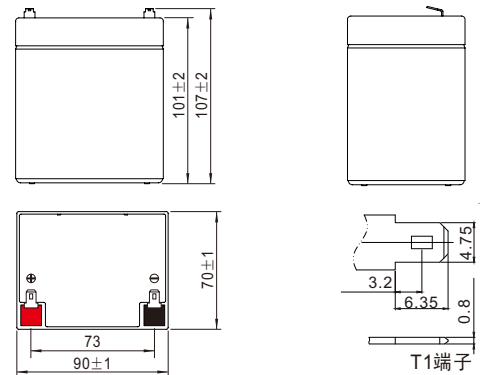


## 规格 Specifications

额定电压 Rated Voltage	12V	
标称容量 Nominal Capacity(C <sub>20</sub> ,1.80V/cell)	5.0Ah	
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	1.60 Kg (3.53 lbs)	
端子 Terminal	T1/T2	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	5.00 Ah	C20(0.250A,1.80V/cell)
	4.65 Ah	C10(0.465A,1.80V/cell)
	4.20 Ah	C5(0.840A,1.75V/cell)
	3.66 Ah	C3(1.220A,1.75V/cell)
	2.97 Ah	C1(2.970A,1.67V/cell)
5S最大放电电流 Max. Discharge Current	75A (5s)	
内阻 Internal Resistance (25°C)	Approx 50.0mΩ	
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	1.5A	
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



## 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	9.60	6.69	5.52	4.79	3.84	2.95	2.42	1.81	1.48	1.12	0.92	0.78	0.68	0.54	0.449	0.248
1.80V/cell	11.80	7.99	6.40	5.42	4.25	3.22	2.60	1.92	1.57	1.18	0.97	0.82	0.71	0.56	0.465	0.250
1.75V/cell	14.0	9.03	7.06	5.90	4.54	3.42	2.74	2.02	1.64	1.22	1.00	0.84	0.73	0.58	0.474	0.253
1.70V/cell	15.9	9.96	7.64	6.33	4.77	3.55	2.85	2.09	1.70	1.26	1.03	0.86	0.74	0.58	0.482	0.257
1.67V/cell	17.5	10.7	8.08	6.65	4.97	3.69	2.97	2.18	1.75	1.30	1.05	0.88	0.76	0.59	0.489	0.261
1.60V/cell	18.4	11.2	8.42	6.86	5.11	3.77	3.04	2.21	1.81	1.33	1.07	0.90	0.77	0.61	0.497	0.262

## 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	18.1	12.7	10.6	9.27	7.49	5.79	4.76	3.56	2.92	2.23	1.84	1.57	1.36	1.09	0.905	0.500
1.80V/cell	22.0	15.1	12.2	10.4	8.23	6.27	5.09	3.76	3.09	2.33	1.93	1.63	1.41	1.12	0.931	0.503
1.75V/cell	25.7	16.9	13.3	11.2	8.73	6.63	5.33	3.93	3.20	2.40	1.97	1.66	1.44	1.14	0.944	0.504
1.70V/cell	28.9	18.4	14.3	12.0	9.12	6.84	5.52	4.06	3.31	2.47	2.01	1.69	1.47	1.15	0.954	0.510
1.67V/cell	31.4	19.5	14.9	12.5	9.42	7.06	5.72	4.19	3.39	2.52	2.04	1.72	1.49	1.17	0.962	0.515
1.60V/cell	32.5	20.1	15.4	12.7	9.58	7.15	5.80	4.23	3.47	2.56	2.08	1.75	1.51	1.18	0.974	0.515



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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

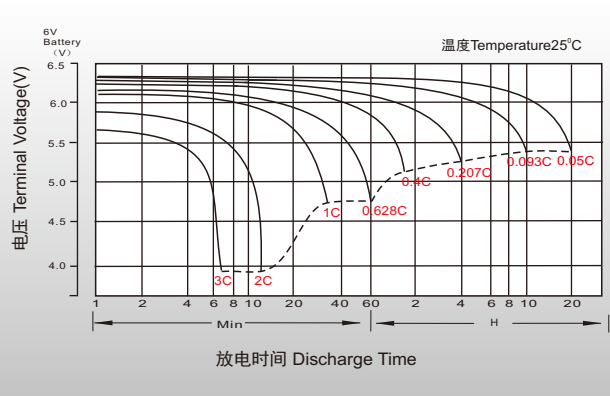
## 特征 General Features

- 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.

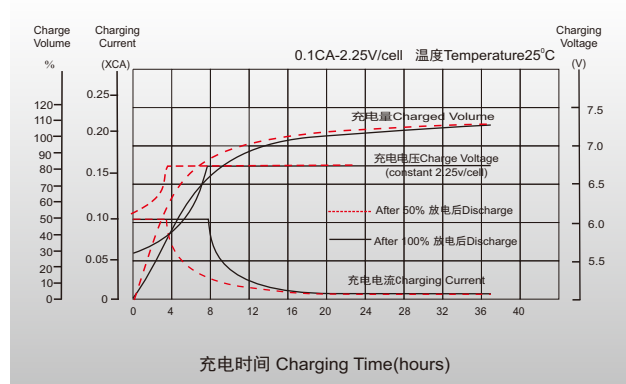
## 标准 Standards

- 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

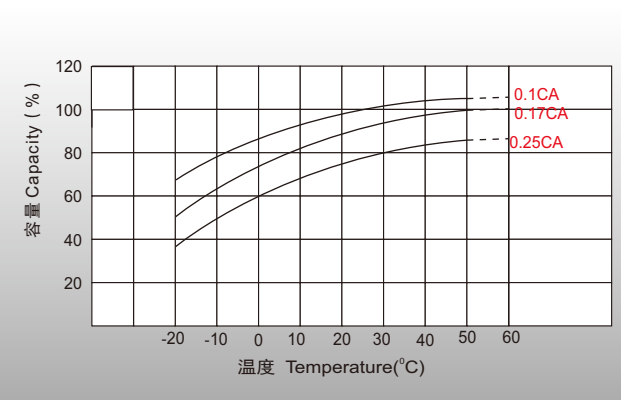
## 放电特性曲线 Discharge Characteristics



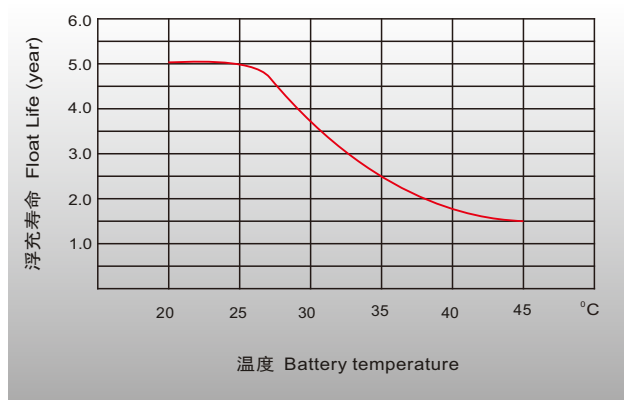
## 浮充特性曲线 Float Charging Characteristics



## 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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