



# 常规系列 (General purpose)

## DJW12-24S(12V24Ah)

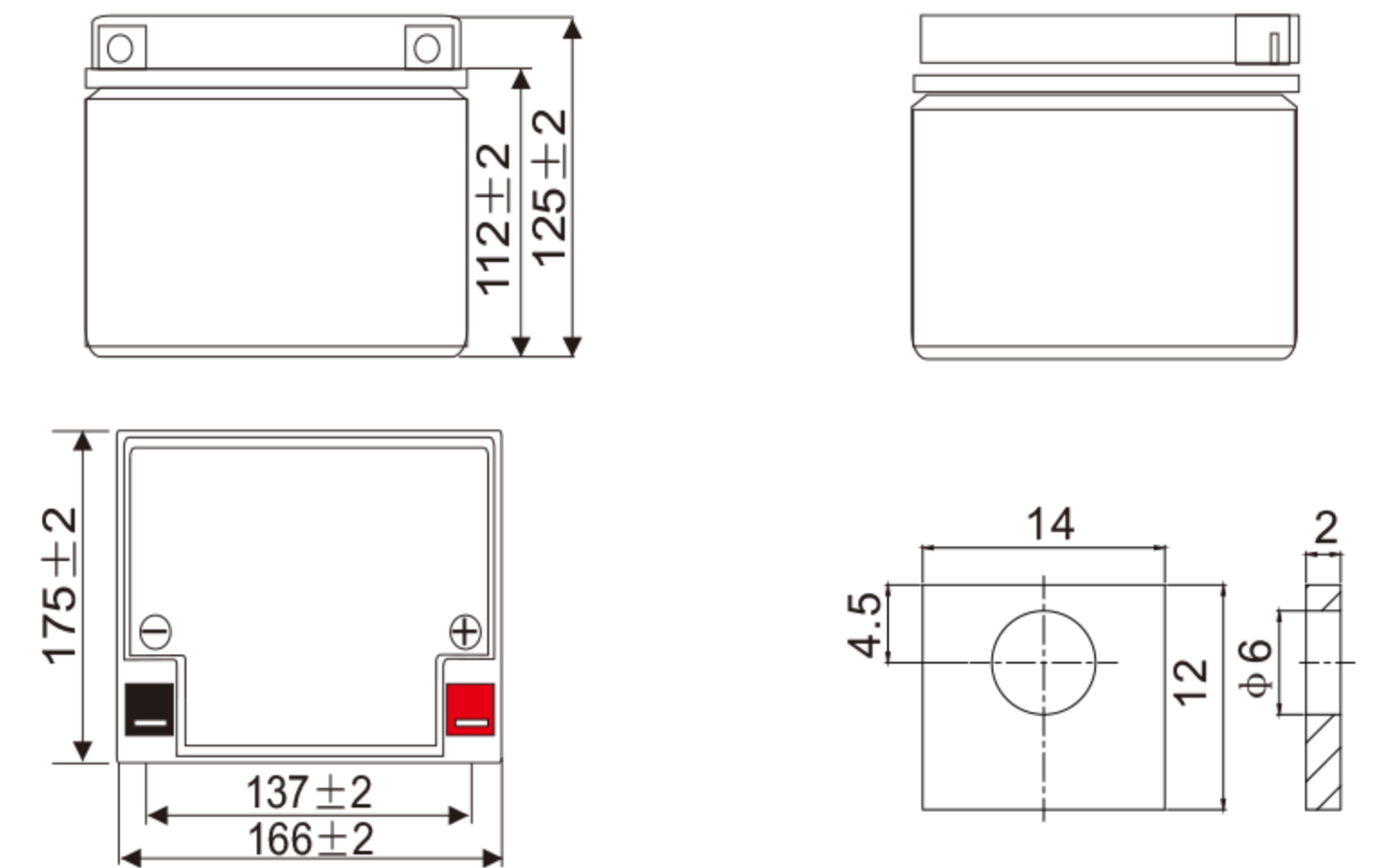


### 规格 Specifications

额定电压 Rated Voltage	12V	
标称容量 Nominal Capacity(C <sub>20</sub> ,1.80V/cell)	24Ah	
尺寸 Dimension	长 Length	166±2mm (6.56 in.)
	宽 Width	175±2mm (6.89 in.)
	高 Container Height	125±2mm (4.92 in.)
	总高(含端子) Total Height	125±2mm (4.92 in.)
重量 Approx Weight	7.2 Kg (15.9 lbs)	
端子 Terminal	M5	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	24.00 Ah	C20(1.20A,1.80V/cell)
	22.30 Ah	C10(2.23A,1.80V/cell)
	20.65 Ah	C5(4.13A,1.75V/cell)
	18.93 Ah	C3(6.31A,1.75V/cell)
	15.40 Ah	C1(15.4A,1.67V/cell)
5S最大放电电流 Max. Discharge Current	360A (5s)	
内阻 Internal Resistance (25°C)	Approx 16.0mΩ	
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	7.2A	
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	60.2	41.6	32.9	26.9	20.2	15.0	12.7	9.48	7.59	5.68	4.50	3.75	3.22	2.56	2.09	1.14
1.80V/cell	70.2	49.0	38.3	31.0	22.9	16.8	14.0	10.4	8.26	6.15	4.85	4.04	3.46	2.74	2.23	1.20
1.75V/cell	76.6	52.6	40.5	32.5	23.9	17.4	14.6	10.7	8.51	6.31	4.97	4.13	3.53	2.79	2.27	1.22
1.70V/cell	83.0	56.1	42.8	34.2	24.9	18.1	15.1	11.1	8.78	6.50	5.09	4.22	3.60	2.84	2.30	1.23
1.67V/cell	86.7	58.1	44.1	35.2	25.6	18.5	15.4	11.3	8.93	6.59	5.16	4.27	3.65	2.86	2.32	1.24
1.60V/cell	95.5	62.9	47.3	37.4	27.0	19.5	16.2	11.8	9.30	6.84	5.34	4.41	3.75	2.93	2.37	1.26

### 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	114.8	79.6	63.2	51.8	39.1	29.1	24.7	18.5	14.8	11.1	8.84	7.38	6.35	5.05	4.14	2.26
1.80V/cell	132.1	92.9	72.8	59.1	43.8	32.3	27.1	20.1	16.1	12.0	9.49	7.92	6.80	5.40	4.41	2.38
1.75V/cell	142.3	98.5	76.2	61.4	45.4	33.3	27.9	20.7	16.5	12.3	9.7	8.08	6.92	5.48	4.47	2.41
1.70V/cell	152.1	103.8	79.7	64.0	47.0	34.3	28.7	21.2	16.9	12.6	9.9	8.24	7.05	5.57	4.53	2.44
1.67V/cell	157.4	106.8	82.3	65.4	47.9	34.9	29.2	21.5	17.1	12.7	10.0	8.32	7.12	5.62	4.57	2.46
1.60V/cell	171.5	114.3	86.2	68.7	50.0	36.3	30.3	22.3	17.7	13.1	10.3	8.54	7.29	5.73	4.65	2.50



# 常规系列 (General purpose) DJW12-24S(12V24Ah)



## 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

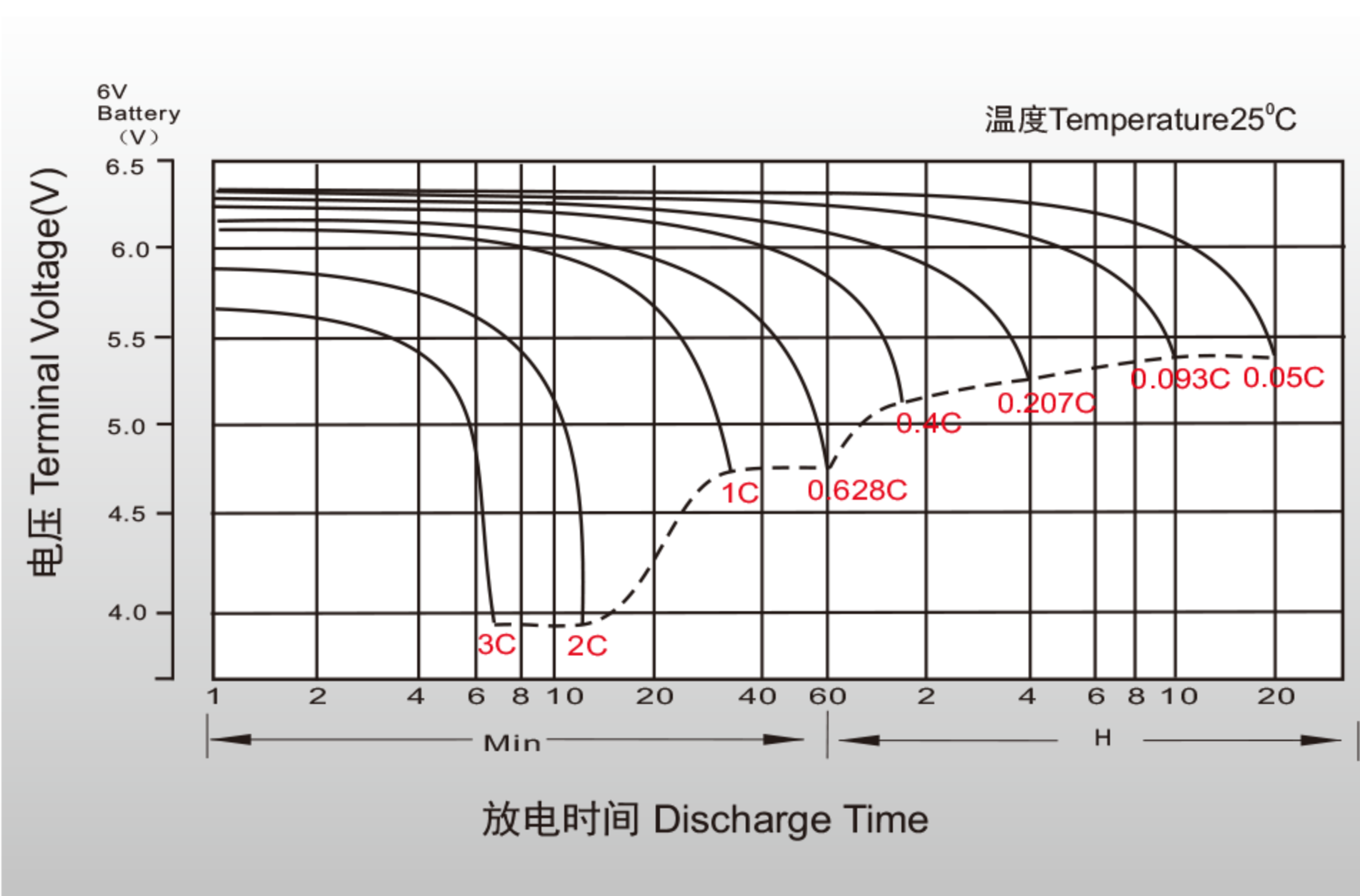
## 特征 General Features

- 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.

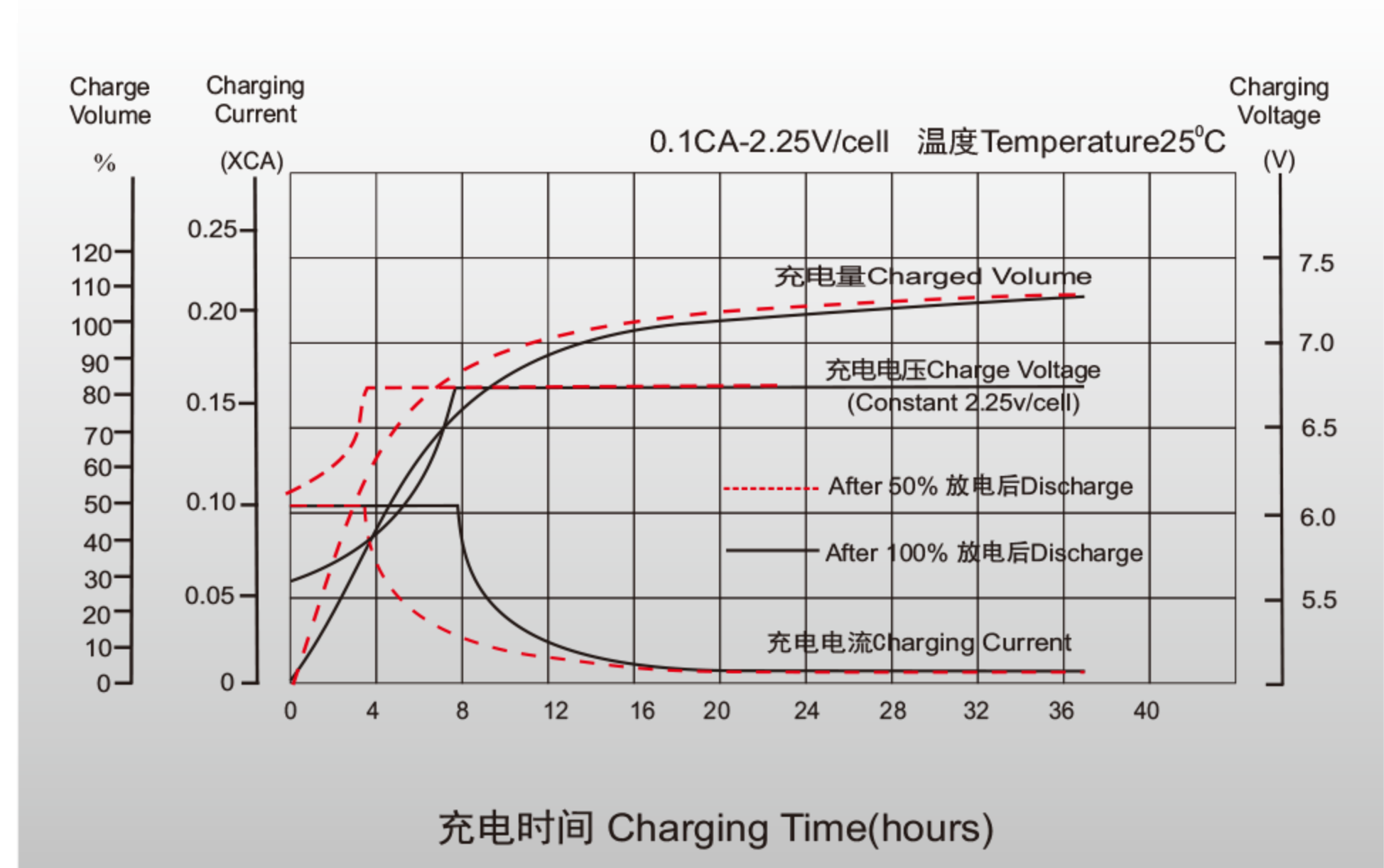
## 标准 Standards

- 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

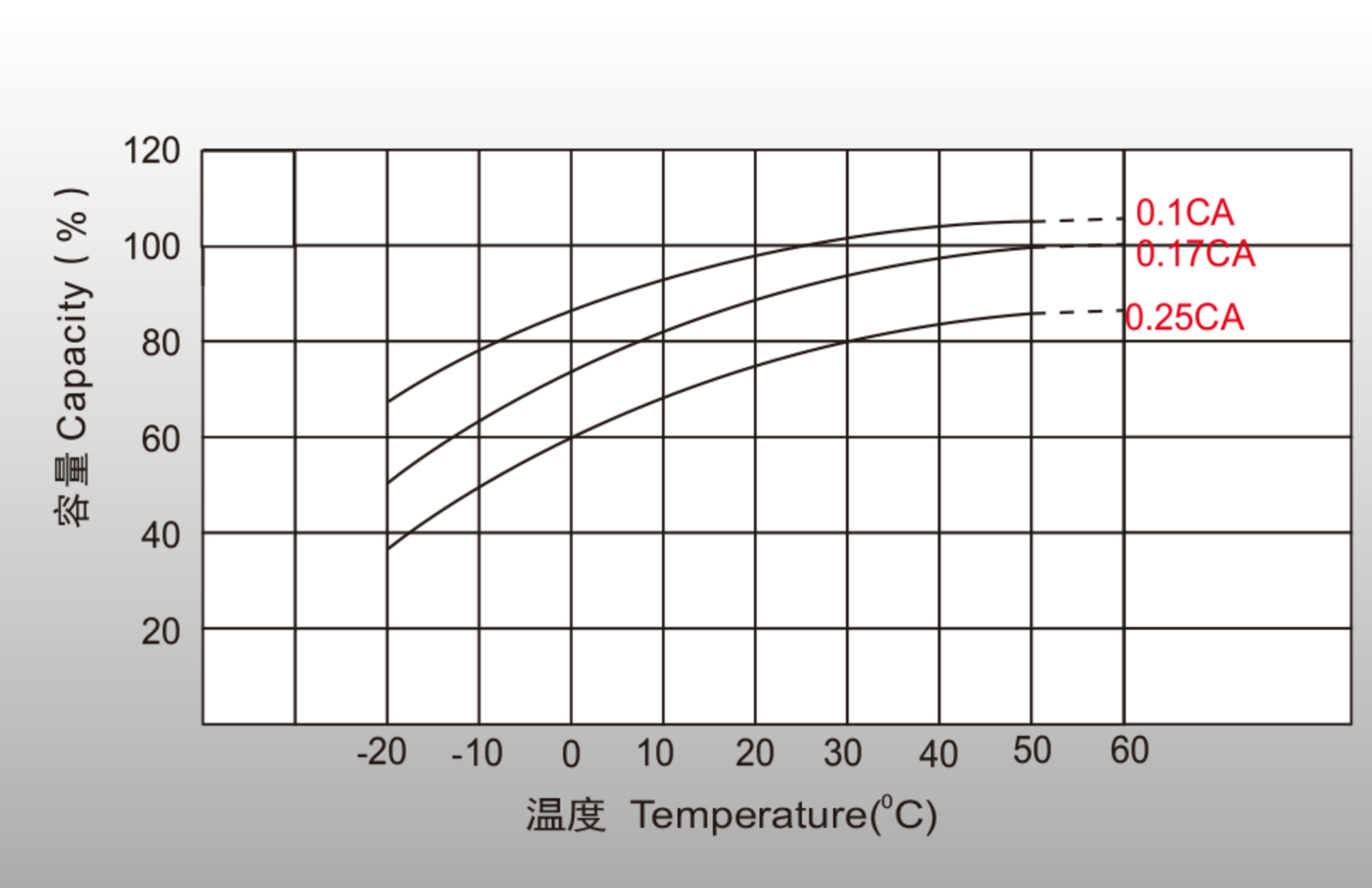
## 放电特性曲线 Discharge Characteristics



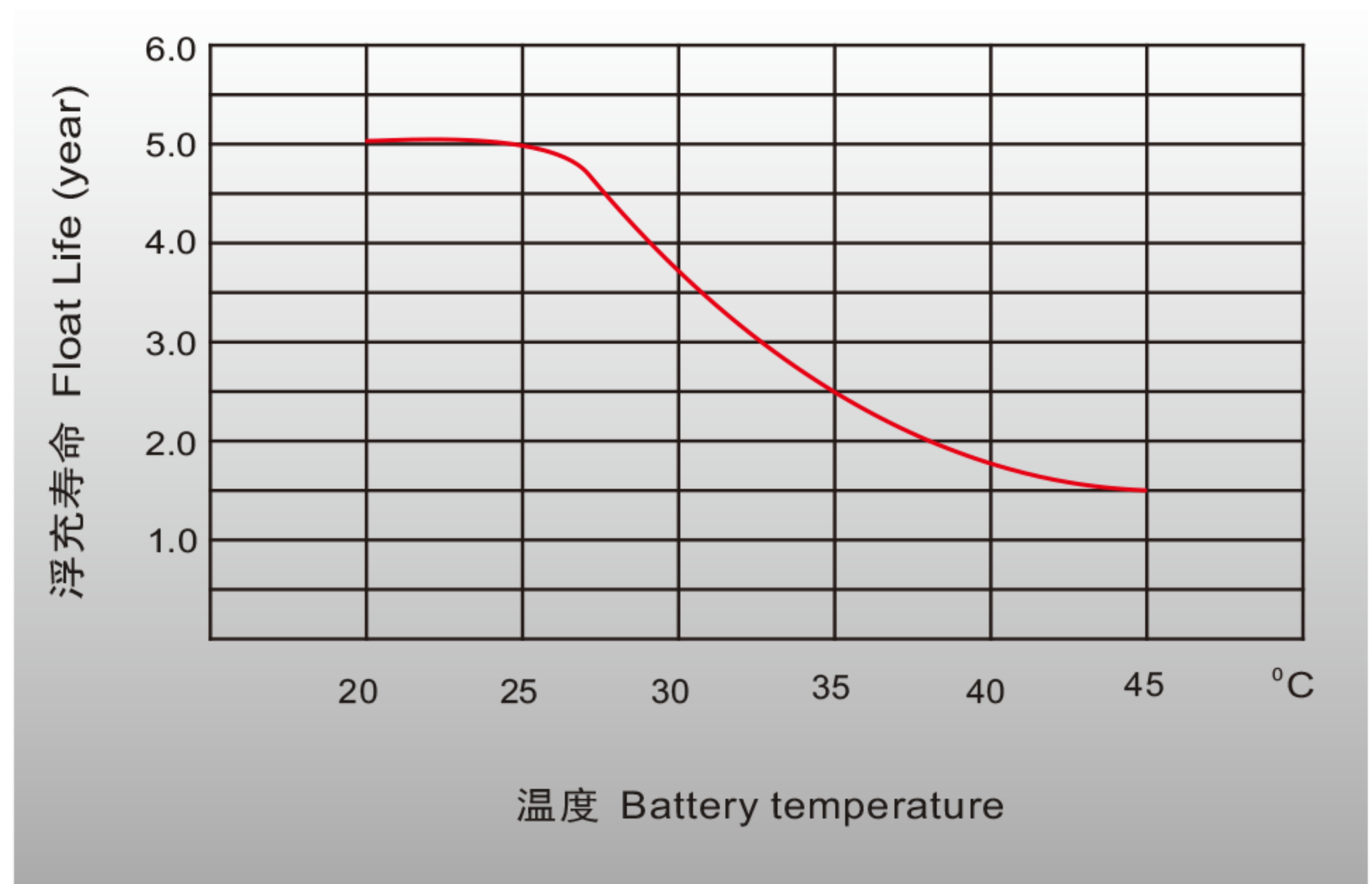
## 浮充特性曲线 Float Charging Characteristics



## 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



## 深圳市理士新能源发展有限公司

地址 Address: 深圳市南山区南海大道新保辉大厦5楼  
5th Floor, Xinbaohui Bldg., Nanhai Blvd.,  
Nanshan, Shenzhen, China.  
电话 Tel: 0755-86036060/26067200/26452211

传真 Fax: 0755-26951222/26067217/26452217  
邮政编码 Postal code: 518052  
邮箱 E-mail: battery@leoch.com