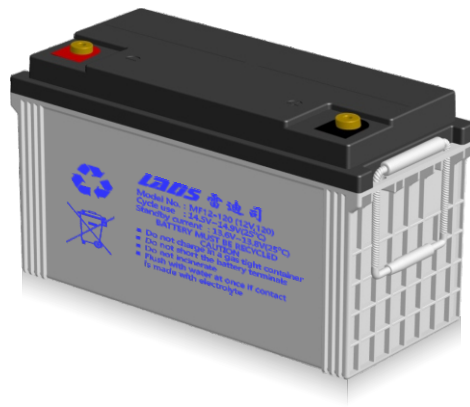
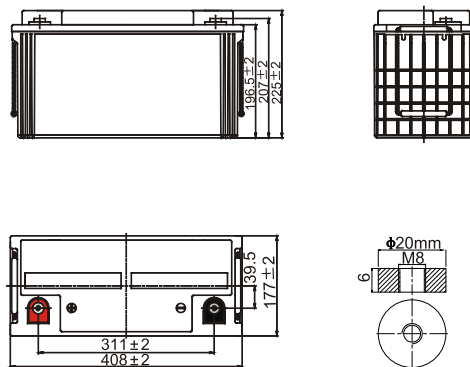


规格 Specifications

额定电压	Rated Voltage	12V
标称容量	Nominal Capacity (C ₂₀ , 1.80V/cell)	120.0Ah
尺寸 Dimension	长 Length	408±2mm (16.1 in.)
	宽 Width	177±2mm (6.97 in.)
	高 Container Height	225±2mm (8.86 in.)
	总高(含端子) Total Height	225±2mm (8.86 in.)
重量	Approx Weight	32.3 Kg (75.0lbs)
端子	Terminal	M8
外壳材料	Container Material	ABS
额定容量	Rated Capacity (25°C)	120.0 Ah
		C20 (6.00A, 1.75V/cell)
		110.0 Ah
		C10 (11.0A, 1.75V/cell)
		98.0 Ah
		C5 (19.6A, 1.75V/cell)
		88.2 Ah
		C3 (29.4A, 1.75V/cell)
		70.2 Ah
		C1 (70.2A, 1.67V/cell)
5S最大放电电流	Max. Discharge Current	980A (5s)
内阻	Internal Resistance (25°C)	Approx 4.5mΩ
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	29.4A
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) 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	216.5	161.8	134.4	113.7	88.0	67.0	57.8	43.7	35.2	26.5	21.2	17.8	15.5	12.2	10.2	5.62
1.80V/cell	252.3	190.9	156.3	131.0	99.5	74.9	64.0	47.8	38.3	28.6	22.8	19.1	16.6	13.1	10.9	5.92
1.75V/cell	275.3	204.6	165.3	137.5	104.0	78.0	66.3	49.5	39.4	29.4	23.4	19.6	16.9	13.3	11.0	6.00
1.70V/cell	298.2	218.3	174.7	144.7	108.6	80.9	68.8	51.1	40.7	30.3	24.0	20.0	17.3	13.6	11.2	6.08
1.67V/cell	311.4	226.2	180.3	148.8	111.3	82.7	70.2	52.0	41.4	30.7	24.3	20.3	17.5	13.7	11.3	6.12
1.60V/cell	343.2	244.8	193.2	158.4	117.6	87.0	73.6	54.4	43.1	31.8	25.1	20.9	18.0	14.0	11.6	6.23

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	411.3	309.8	258.2	219.1	170.1	129.9	112.3	85.3	68.7	51.9	41.6	35.0	30.5	24.1	20.2	11.2
1.80V/cell	472.2	360.9	297.2	250.0	190.7	144.2	123.5	92.7	74.4	55.9	44.7	37.5	32.6	25.8	21.5	11.8
1.75V/cell	507.4	382.3	311.1	259.8	197.6	148.9	127.2	95.3	76.2	57.2	45.7	38.3	33.2	26.2	21.8	11.9
1.70V/cell	540.6	402.4	325.1	270.7	204.4	153.3	130.9	97.9	78.3	58.6	46.6	39.0	33.8	26.6	22.1	12.1
1.67V/cell	559.0	413.9	336.2	276.6	208.5	156.0	133.0	99.3	79.3	59.3	47.2	39.4	34.2	26.9	22.3	12.1
1.60V/cell	600.6	438.7	350.7	289.9	217.4	162.3	138.2	102.9	82.0	61.1	48.5	40.5	35.0	27.4	22.7	12.3

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

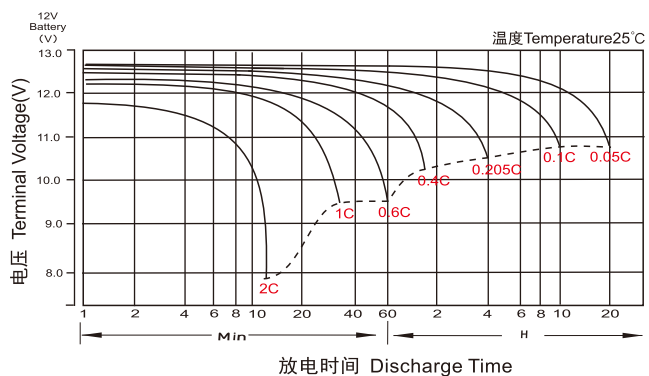
特征 General Features

- 自放电率极低
Self-discharge rate is extremely low
- 使用温度范围宽
Wide range of operating temperature
- 密封性能好
Good sealing performance
- 导电性好
Good conductivity
- 充电接受能力强
Excellent charge acceptance
- 安全可靠的防爆排气系统
Safe and reliable explosion-proof exhaust system

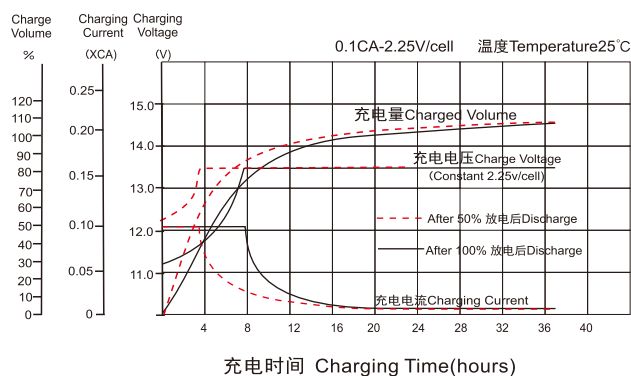
标准 Standards

- 符合IEC 60896 , YD/T 799标准
Compliance with IEC 60896 and YD/T 799 standards
- 企业通过了TS16949,OHSAS 18001, ISO 9001和ISO 14001体系认证
OHSAS 18001,ISO 9001 and ISO 14001 certified production facilities

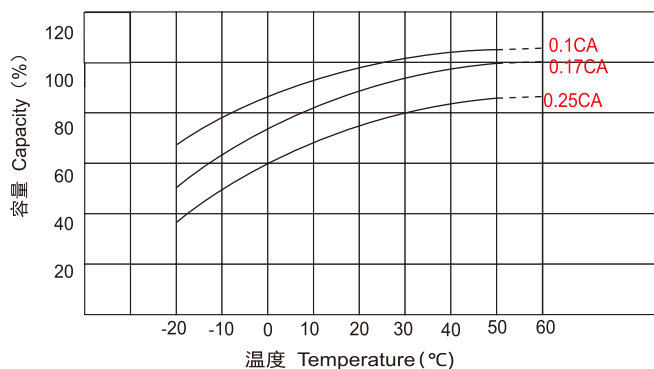
放电特性曲线 Discharge Characteristics



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

