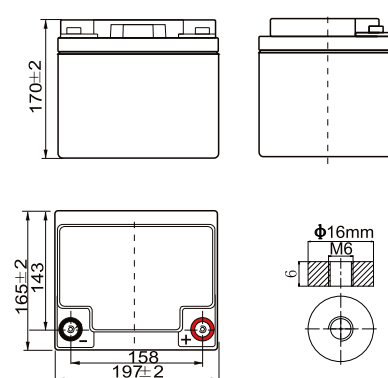


规格 Specifications

额定电压	Rated Voltage	12V
标称容量	Nominal Capacity (C ₂₀ , 1.80V/cell)	38Ah
尺寸 Dimension	长 Length	197±2mm (7.87 in.)
	宽 Width	165±2mm (6.61 in.)
	高 Container Height	170±2mm (6.69 in.)
	总高(含端子) Total Height	170±2mm (6.69 in.)
重量	Approx Weight	11.6 Kg (24.0 lbs)
端子	Terminal	M6
外壳材料	Container Material	ABS
额定容量	Rated Capacity (25°C)	C20(1.90A, 1.75V/cell)
		C10(3.50A, 1.75V/cell)
		C5(6.19A, 1.75V/cell)
		C3(9.31A, 1.75V/cell)
		C1(22.2A, 1.67V/cell)
5S最大放电电流	Max. Discharge Current	350A (5s)
内阻	Internal Resistance (25°C)	Approx 12.1mΩ
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±50°C (77±5°F)
最大充电电流	Max. Charging Current (25°C)	10.5A
充电电压	Charge voltage (25°C)	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	68.5	51.2	42.6	36.0	27.9	21.2	18.3	13.8	11.1	8.38	6.71	5.62	4.89	3.87	3.23	1.78
1.80V/cell	79.9	60.4	49.5	41.5	31.5	23.7	20.3	15.1	12.1	9.07	7.23	6.06	5.25	4.14	3.44	1.88
1.75V/cell	87.2	64.8	52.4	43.5	32.9	24.7	21.0	15.7	12.5	9.31	7.41	6.19	5.36	4.22	3.50	1.90
1.70V/cell	94.4	69.1	55.3	45.8	34.4	25.6	21.8	16.2	12.9	9.58	7.60	6.34	5.47	4.29	3.55	1.92
1.67V/cell	98.6	71.6	57.1	47.1	35.2	26.2	22.2	16.5	13.1	9.73	7.70	6.41	5.54	4.34	3.58	1.94
1.60V/cell	108.7	77.5	61.2	50.2	37.2	27.6	23.3	17.2	13.6	10.1	7.96	6.61	5.69	4.44	3.66	1.97

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	130.2	98.1	81.8	69.4	53.9	41.1	35.6	27.0	21.8	16.4	13.2	11.1	9.65	7.65	6.38	3.54
1.80V/cell	149.5	114.3	94.1	79.2	60.4	45.7	39.1	29.4	23.6	17.7	14.2	11.9	10.3	8.17	6.80	3.73
1.75V/cell	160.7	121.1	98.5	82.3	62.6	47.1	40.3	30.2	24.1	18.1	14.5	12.1	10.5	8.30	6.90	3.77
1.70V/cell	171.2	127.4	102.9	85.7	64.7	48.6	41.5	31.0	24.8	18.5	14.8	12.4	10.7	8.43	6.99	3.82
1.67V/cell	177.0	131.1	106.5	87.6	66.0	49.4	42.1	31.4	25.1	18.8	14.9	12.5	10.8	8.51	7.05	3.84
1.60V/cell	190.2	138.9	111.1	91.8	68.9	51.4	43.8	32.6	26.0	19.3	15.4	12.8	11.1	8.68	7.18	3.91

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

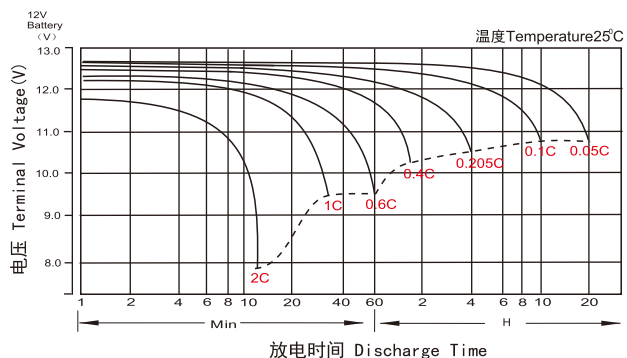
- 自放电率极低
Self-discharge rate is extremely low
- 使用温度范围宽
Wide range of operating temperature
- 密封性能好
Good sealing performance
- 导电性好
Good conductivity
- 充电接受能力强
Excellent charge acceptance
- 安全可靠的防爆排气系统
Safe and reliable explosion-proof exhaust system

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

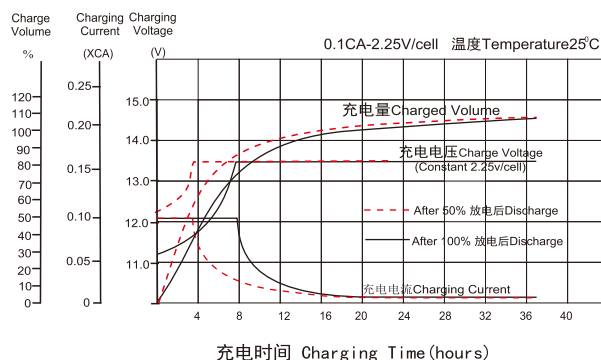
放电特性曲线

Discharge Characteristics



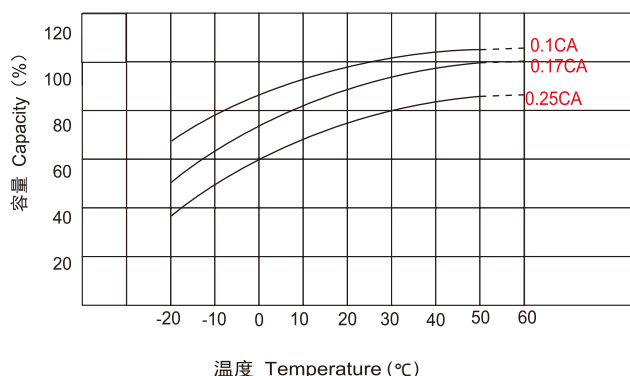
浮充特性曲线

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

