



常规系列经济型

DJM12100S(12V100Ah)

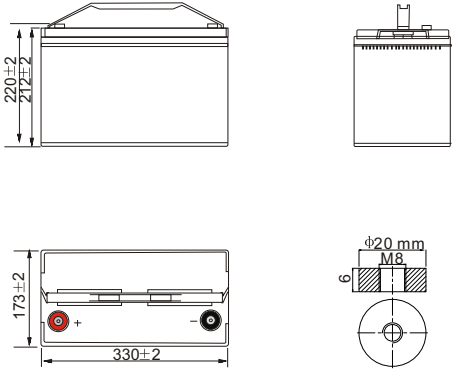


规格 Specifications

额定电压 Rated Voltage	12V	
标称容量 Nominal Capacity(C ₂₀ ,1.75V/cell)	100.0Ah	
尺寸 Dimension	长 Length	330±2mm (12.99 in.)
	宽 Width	173±2mm (6.81 in.)
	高 Container Height	212±2mm (8.35 in.)
	总高(含端子) Total Height	220±2mm (8.66 in.)
重量 Approx Weight	27.8 Kg (61.3 lbs)	
端子 Terminal	M8	
外壳材料 Container Material	ABS	
额定容量 Rated Capacity (25°C)	100.0 Ah	C20(5.00A,1.75V/cell)
	92.0 Ah	C10(9.20A,1.75V/cell)
	81.5 Ah	C5(16.3A,1.75V/cell)
	73.5 Ah	C3(24.5A,1.75V/cell)
	58.5 Ah	C1(58.5A,1.67V/cell)
5S最大放电电流 Max. Discharge Current	920A (5s)	
内阻 Internal Resistance (25°C)	Approx 5.5mΩ	
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	27.6A	
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	180.4	134.9	112.0	94.7	73.3	55.8	48.2	36.4	29.3	22.1	17.6	14.8	12.9	10.2	8.49	4.68
1.80V/cell	210.3	159.1	130.3	109.2	82.9	62.4	53.3	39.9	31.9	23.9	19.0	15.9	13.8	10.9	9.06	4.94
1.75V/cell	229.5	170.5	137.8	114.6	86.7	65.0	55.3	41.2	32.9	24.5	19.5	16.3	14.1	11.1	9.20	5.00
1.70V/cell	248.5	181.9	145.6	120.6	90.5	67.4	57.3	42.6	33.9	25.2	20.0	16.7	14.4	11.3	9.34	5.06
1.67V/cell	259.5	188.5	150.2	124.0	92.8	68.9	58.5	43.4	34.5	25.6	20.3	16.9	14.6	11.4	9.43	5.10
1.60V/cell	286.0	204.0	161.0	132.0	98.0	72.5	61.3	45.3	35.9	26.5	20.9	17.4	15.0	11.7	9.63	5.19

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	342.7	258.2	215.2	182.6	141.7	108.2	93.6	71.0	57.3	43.2	34.7	29.1	25.4	20.1	16.8	9.30
1.80V/cell	393.5	300.8	247.6	208.3	158.9	120.2	102.9	77.3	62.0	46.6	37.3	31.3	27.2	21.5	17.9	9.81
1.75V/cell	422.8	318.6	259.2	216.5	164.7	124.1	106.0	79.4	63.5	47.6	38.0	31.9	27.7	21.8	18.1	9.93
1.70V/cell	450.5	335.3	270.9	225.5	170.4	127.8	109.1	81.6	65.2	48.8	38.9	32.5	28.2	22.2	18.4	10.04
1.67V/cell	465.8	344.9	280.1	230.5	173.7	130.0	110.8	82.8	66.1	49.4	39.3	32.9	28.5	22.4	18.5	10.11
1.60V/cell	500.5	365.6	292.3	241.6	181.2	135.3	115.1	85.7	68.3	50.9	40.4	33.7	29.1	22.8	18.9	10.28



常规系列经济型 DJM12100S(12V100Ah)



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

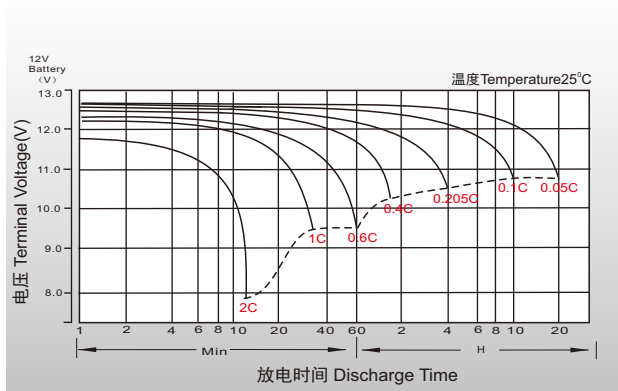
特征 General Features

- 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

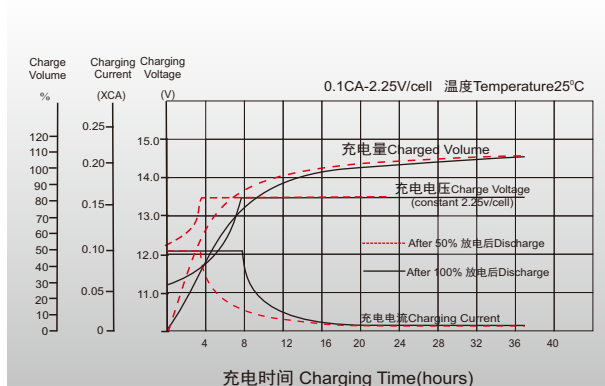
标准 Standards

- 符合IEC 60896, YD/T 799标准
Compliance with IEC 60896 and YD/T 799 standards
- UL 认证, 泰尔认证
UL Certified, TLC 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

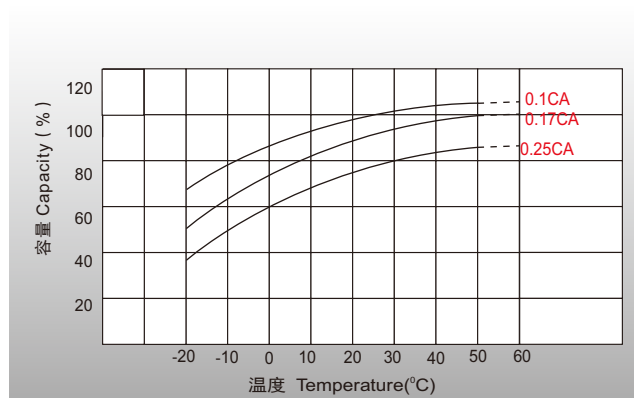
放电特性曲线 Discharge Characteristics



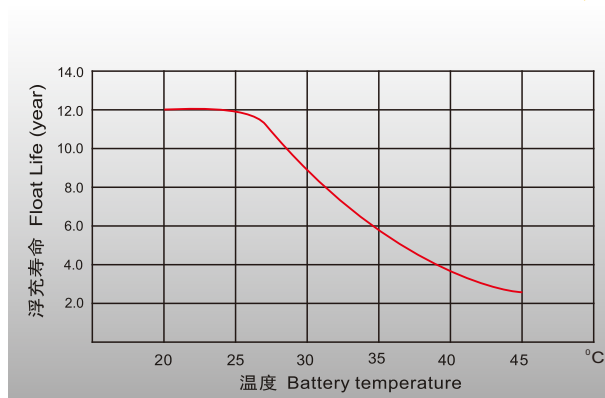
浮充特性曲线 Float Charging Characteristics



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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