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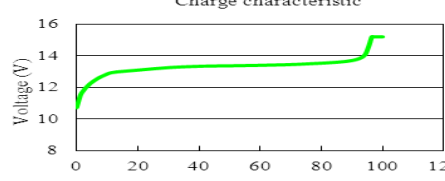
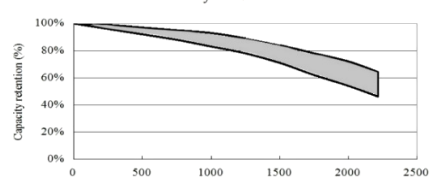
12V24Wh

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天丰电源自主研发的高性能启动锂电池，它的特点是重量只有普通铅酸电池的1/3；卓越的起动能力；良好的快充接受能力；超长的循环寿命和货架寿命；绿色环保无污染。

It's specially designed as high-performance lithium battery for start. Its characteristics is 1/3 weight of normal lead-acid battery; Super cranking power; Quick recharge capability; Excellent cycle life and shelf life; Non-pollution.

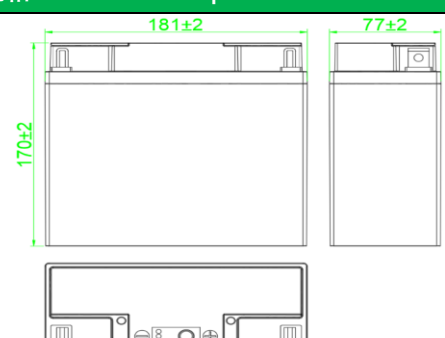
电性能 Electrical Specifications		机械特性 Mechanical Specifications	
标称电压 Nominal Voltage: (V)	12	壳体尺寸(L x W x H±2mm) Case Dimensions (L x W x H±2mm)	181 × 77 × 170 mm 7.13 x 3.03 x 6.69 inch
标称容量 Nominal Capacity: (Ah)	2	重量(约) Approx. Weight:	0.80 kg / 1.76 lbs
充电电流 Charging Current: (A)	标准STD.: 1.0A; 最大 MAX.: 10A	防护等级 Ingress Protection Grade	IP65
充电电压 Charging Voltage: (V)	14.4± 0.5	温度特性 Temperature Specifications	
常温高倍率放电 High Rate Discharge (25°C / 77°F)	80A; 5S voltage ≥10V, 30S voltage ≥7.2V		
低温高倍率放电 High Rate Discharge (-10°C / 14°F)	40A; 5S voltage ≥7.2V, 30S voltage ≥7.2V		
峰值放电电流 Peak discharge current (25°C / 77°F)	180A; 5S voltage ≥7.2V		
表测CCA CCA Tested by Digital Tester: (A)	280		
		放电温度 Discharge temperature	-20~60°C (-4~140°F)
		充电温度 Charge temperature	-20~45°C (-4~113°F)
		储存温度 Storage temperature	-20~40°C (-4~104°F)

性能特征 Performance Characteristics	
充电特性 Charge Characteristic	循环寿命 Cycle Life: > 1000 (100% DOD)
	

注意 Notes

- 在25°C下电池可储存12个月，随着储存温度升高储存期相应缩短。
Batteries can be stored for 12 months at 25°C, the duration will be shorter in higher storage temperature.
- 建议每6个月检查一次电池电压，如果低于12.8V，则重新充电。
It's recommended to check the battery voltage every 6 months and recharge it when the OCV is lower than 12.8V.

BMS参数 BMS Specifications	
过充保护电压 Over charge protection voltage: (V)	15.3 ± 0.1
过充恢复电压 Over charge recover voltage: (V)	0.1 ± 0.05
过放保护电压 Over discharge protection voltage: (V)	8.0 ± 0.1
过放恢复电压 Over discharge recover voltage: (V)	10 ± 1
休眠功能 Sleep function	当电压低于 13.05V时，2分钟后 会进入休眠。When the voltage is below 13.05V, the battery will get into sleep automatically after 2min delay.
自耗电 Self discharge current: (uA)	开机状态Power on status < 300 关机状态Shutdown status < 60
电量显示 SOC indicator	有 YES

尺寸规格 Dimension Specifications	
	

认证 Certifications	
工厂认证 Manufacturer Certifications	IATF16949; ISO9001; ISO14001; ISO18001
产品认证 Product Certifications	CE;RoHs; REACH; UN38.3; UL1642
运输类别 Shipping Classification	UN 3480

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