

# SK390H-U1Q-FP

12V36Wh

文件号 File No.: J031.0112-2024  
版本号 REV : 1.0

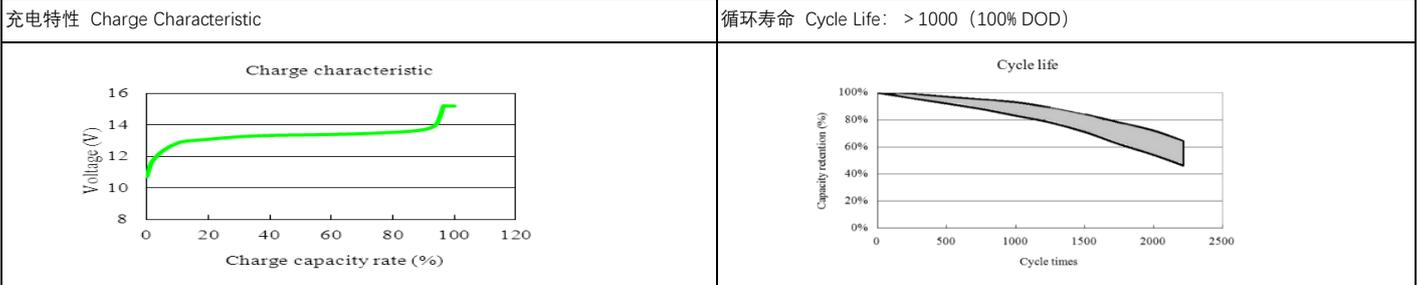
天丰电源自主研发的高性能启动锂电池，它的特点是重量只有普通铅酸电池的1/3；卓越的启动能力；良好的快充接受能力；超长的循环寿命和货架寿命；绿色环保无污染。  
It's specially designed as high-performance lithium battery for start. Its characteristics is 1/3 weight of normal lead-acid battery; Super cranking power; Quick recharge capability; Excellent cycle life and shelf life; Non-pollution.

电性能 Electrical Specifications	
标称电压 Nominal Voltage: (V)	12
标称容量 Nominal Capacity: (Ah)	3
充电电流 Charging Current: (A)	标准STD.: 1.5A; 最大 MAX.: 15A
充电电压 Charging Voltage: (V)	14.4± 0.5
常温高倍率放电 High Rate Discharge (25°C / 77°F)	120A; 5S voltage ≥10V, 30S voltage ≥7.2V
低温高倍率放电 High Rate Discharge (-10°C / 14°F)	60A; 5S voltage ≥7.2V, 30S voltage ≥7.2V
峰值放电电流 Peak discharge current (25°C / 77°F)	270A; 5S voltage ≥7.2V
表测CCA CCA Tested by Digital Tester: (A)	390

机械特性 Mechanical Specifications	
壳体尺寸(L x W x H±2mm) Case Dimensions (L x W x H±2mm)	166 × 123 × 163 mm 6.85 x 4.84 x 6.42 inch
重量(约) Approx. Weight:	1.25 kg / 2.76 lbs
防护等级 Ingress Protection Grade	IP65

温度特性 Temperature Specifications	
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



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	
五金配件 Hardware Kits:	
M6X16mm Bolt: 2 pcs	M6X13mm Bolt: 2 pcs

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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日期Date: 2024.8.9