

便携式储能电源产品规格书

Specifications of Portable Storage Station System

SHX600(300WH)

GenixGreen

[2019-03-29]

产品型号 Model No.	JLS-SHX600
产品名称 Product Name	便携式移动储能系统 (300WH) Portable Storage Station System (300WH)
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V1.0	初稿 First Draft	2019-03-29	

1、适用范围

本规格书仅适用于我司提供的 SHX600-300 便携式储能产品。

This specifications only applied to portable power (SHX600-300) provided by GENIXGREE

2、技术规格 Technical Specification

序号 No.	类别 Item	特性名称 Name	规格参数 Specifications		备注 Remark
1	显示系统 Display System	显示屏类型 Type	LED 显示 LED Screen		Battery Indicator
		显示面积 (mm) Size	55×15 mm		
		背光颜色 Background light	Green		
2.	锂电池组 Battery	电池体系 Type	LiFePO4		
		额定容量(Wh) Rated Capacity	300Wh		
		额定电压 (V) Rated Voltage	12.8V		
		循环寿命 (次) Cycle life	1500 Times		
3.	电池管理系统 BMS	放电特性 Discharge characteristic	持续放电电流 (A) Continuous Current	60A	
			过电流保护 (A) Over current protection	180A	
		充电特性 Charge characteristic	充电电压 (V) Charge Voltage	14.8V	
			充电电流 (A) Charge Current	≤10A	
		过充电保护 Over-charge Protection	单串过充检测电压 (V) Single cell Cut-off voltage	3.85V	
			单串过充解除电压 (V) Single cell Recovery Voltage	3.75V	
		过放电保护 Over-discharge Protection	单串过放检测电压 (V) Single cell Cut-off Voltage	2.0V	
			单串过放解除电压 (V) Single cell Recovery Voltage	2.5V	
		过电流保护 Over-current Protection	过流检测电流 (A) Cut-off current	180A	
			过流保护解除条件 Release condition	Release load 断开负载	
		短路保护 Short Circuit Protection	短路保护功能 Short Circuit Protection	Enable 有短路保护	
			短路保护解除条件 Recovery condition	断开负载,自动恢复	
		自耗 Self-consumption current	电流 (uA) Current	30μ A	

4.	充电输入 Charging Input	电源输入 AC Charging Input	额定输入电压 (V) Rated Input Voltage (V)	220V 50HZ	
			过流保护功能 Over-current Protection	有 Yes	
			正负极插反保护 Reverse polarity protection	有 Yes	
		太阳能输入 Solar PV Charging Input	接口类型 Interface Type	2.1*5.5DC connect	
			额定输入电压 (V) Rated Input Voltage (V)	18V	
			输入电压范围 (V) Input Voltage Range(V)	12.8 -18 V	
			输入电流 (A) Input Current (A)	Max 10A	
			正负极插反保护 Reverse polarity protection	Yes	
5.	5VDC USB/Type-C 输出 5VDC USB/Type-C	USB/Type-C 5V 输出 USB/Type-C 5V Output	接口类型 Interface Type	4pcs USB/1pc Type-C	
			输出电压 (V) Output Voltage	5V	
			输出电流 (A) Output Current	USB2.1A/Type-C3A	
			过流保护功能 Over-current Protection	YES 有过流保护	
6.	12VDC 输出 12VDC Output	12VDC 输出 12VDC Output	接口类型 Interface Type	DC5.5*2.1	
			输出电压 (V) Output Voltage (V)	8-14.6V	
			输出电流 (A) Output Current (A)	12A	
			过流保护功能 Over-current Protection	YES 有过流保护	
8.	AC 交流输出 AC Output	开关方式 On/Off Mode	船形开关 Rocker Switch	船形开关 Rocker Switch	
		交流输出 AC Output	输出波形 Output Waveform	Pure Sine wave 正弦波	
			输出电压 (Vac) Output Voltage	220V±10%	
			输出频率(Hz) Output Frequency	50HZ	
			输出功率(W) Output power	Rate 500W Max 550W	
			空载功耗(W) No-load Power Consumption	3W	
			逆变效率(%) Inversion Efficiency	More than 88%	

		保护功能 Protection Functions	电池低压保护 (V) Low-voltage Protection(Battery)	8V	
			电池高压保护 (V) High-voltage Protection(Battery)	15.4V	
			输出欠压保护 Under-voltage Output Protection	YES 有	
			输出过压保护 Over-voltage Output Protection	YES 有	
			输出过载保护 Over-load Output Protection	YES 有	
			输出短路保护 Short-circuit Output Protection	YES 有	
			短路保护解除条件 Released condition of Short-circuit Protection	断开负载 Disconnect the load,	
			过温保护 (°C) Over-temperature Protection	80°C	
		输出接口 Output Connector	接口类型 Interface Type	国标/澳标/欧标/美标/英标 GB/Australian Standard/Euro Standard/American Standard/British Standard	Optional
			接口数量 (路) Interface Quantity	1路4口	
9.	适应环境 Environment	使用环境温度(°C) Working Temperature	-10°C~+55°C		
		充电环境温度(°C) Charge Temperature	0°C~+45°C		
		环境湿度 (%) Humidity(%)	10~85%		
		冷却方式 Cooling	风冷 Forced air-cooling		
10.	外形尺寸 Dimension	长×宽×高(L/W/H(MM))	250.4*159*158		
11.	重量 Weight	裸机 (Kg) Net Weight	5KG		

3. 产品外观图 Product Appearance Image

1. 产品侧视图



2. 产品前后视图



4. 注意事项 Notice

1) 用户未经允许，不得随意打开本产品，严禁拆卸电池，以免损伤绝缘部件，导致短路、影响使用。

Without authorization, it is forbidden to open product and disassemble the battery pack. Any violations may result in insulation parts damage, short circuit and affect in normal usage.

2) 本产品适合贮存在干燥通风、温度不高于 35℃，相对湿度小于 85%的环境中，同时远离易燃易爆物品。Product should be stored in dry and ventilated area, with temperature below 35°C and humidity less than 85%. Keep far away from flammable and explosive materials.

3) 使用环境基于安全和性能的考虑，环境应具备以下条件：

Safety & performance consideration, the working condition should be:

干燥：不能浸水或淋雨

Dry: keep far away from water or rain.

阴凉：温度在 0℃与 45℃之间

Cool: temperature between 0°C -45°C

通风：保持壳体上 5CM 内无异物，其它端面通风良好

Ventilated: Product should be kept at least 5cm away from any objects and well-ventilated while working.

4) 本产品内有高压系统，因此应注意用电安全。不得用手或者其他金属物品接触输出端，以免发生触电或者短路，造成产品损坏或危险。

High-voltage electricity inside, please caution electrical safety! Do not touch output ports with hand or metal objects, to avoid any electric shock, short circuit, product damage or other dangers.

5) 严禁擅自改装本产品。在本产品中，为防止发生危险，装有保护系统，若保护系统遭到损坏，可能导致充放电无法控制，或者充放电电流超过设定边界值，从而造成电池漏液、发热、破裂。

It is forbidden to modify without authorization. Product is built with protection system. Damaged protection system may cause charging and discharging out of control, therefore result in battery liquid leakage, overheat, or crack.

6) 避免对本产品长时间过度充电，否则会造成电池漏液、发热、破裂。

Do not overcharge product for long time, or may result in battery liquid leakage, overheat, or crack.

7) 本产品使用中发生异常情况或怀疑有异常时，应立即断开电源，依产品保护功能介绍及警报功能介绍的内容进行排查，如无法解决可由合格的检修人员或本公司的特约维修单位检查维修。

Please disconnect and power off product in case of abnormal situations happened. Then check the faults according to the troubleshooting indicated in product user manual. If faults cannot be resolved, please send back to our authorized dealer/shop to ask for repair or replacement.

8) 在有故障的情况下如果继续使用本产品，可能会导致本产品永久性损坏。

In the case of fault happened, continual using may cause permanent product damage.

9) 本产品不适合 8 岁以下的儿童使用。

JLS-SH series products are not for children under 8 years old.

10) 电池电量指示低于 20%时，请及时给产品充电。

Please charge immediately when battery volume is below 20%.

11) 不要使用强溶剂清洁本产品，请使用软布沾一些中性清洁剂清洁产品。

Please use soft cloth with mild detergent to clean product, and strong solvent is avoided.

12) 本产品不使用时，必须将产品电源开关关闭，否则可能导致内部电池过放电而损坏！

JLS-SH series products should be powered off when it is left unused for long time, or product damage may cause due to over-discharge.

13) 使用本产品请遵循设计技术参数，不得超过本产品规格书中的值，否则有可能损坏本产品。

Please strictly follow the pre-set parameters, and violations may cause product damage.

14) 如果交流输出开机后负载过大或短路等原因而产生保护后, 应先关机, 移开负载 10 秒以上后再 开机, 如频繁过载开机将有可能使产品永久损坏。

When over-load or short circuit happens, protection system will be activated and automatically cut off the outputs. To resume working, power off PRIME 750, remove all loads, and after 10 seconds restart it. Frequent restarts without removing over-loads may cause permanent damage.

15) 初次开机如果发现不能开机或负载设备不工作, 请给产品充电并检查接线是否正确, 若仍有异常, 请联系我们。

Initial using, if JLS-SH series products cannot be powered on or cannot supply electricity to loads, please check and if all cables are well-connected, then charge it fully. If the problem still exists, please contact us for supports.

5. 声明 Statement

请严格按照产品规格书提供的参数和要求对产品进行使用, 如不按要求或私自改装产品造成产品损坏 或引发事故, 本公司将不承担任何的责任。

Please read the user manual carefully and follow strictly. We are exempted from the responsibility, if the product is modified without authorization or the product parameters and operations requirements are not obeyed.