



V1.0  
2017/10/19



**Liuyang Xiaowen Electronic Technologies Co., Ltd**  
Add: Building B1, Changsha E-center No.18, Xiangtai Road, Economic & Technology  
Development Zone, Hunan, China  
Tel: +86-731-83833068  
Fax: +86-731-83833069  
Web: [www.showven.com](http://www.showven.com)  
E-mail: [info@showven.com](mailto:info@showven.com)

# SPARKULAR Portable Pack User Manual


Liuyang Xiaowen Electronic Technologies Co., Ltd

# SPARKULAR Portable Pack User Manual

★ Please read this manual carefully before operating the product.

## 1-1 Safety precautions

- » Unauthorized repair are prohibited, it may cause serious incident.
- » Keep SPARKULAR Portable Pack dry and do NOT use in rain or snow.
- » If not used in 3 consecutive months, Please remember to recharge it.
- » Frequent over discharge can cause the battery to fail. To prevent battery over discharge please maintain a certain amount of electricity and remember to charging it timely after use.

SPARKULAR Portable Pack SP0520/SP0521		
	Support Model	SPARKULAR mini, SPARKULAR
	Dimension	266 × 235 × 130 mm
	Weight	7.5 kg
	Input	100-240VAC, 50/60Hz, 700W
	Output	220VAC (SP0520) 110VAC (SP0521) , 500W
	Temp	-10℃~ 50 ℃
	Casing Material	Iron
	Battery Capacity	24 V10 AH
	Interface	Double AC power interfaces

Features:

- » Easy operation.
- » Charge/Discharge mode automatic switchover.
- » Smart design, ensure SPARKULAR to get rid of dependence on power supply, achieve real wireless.

Interface:

1. Two AC interface: compatible with stage effects plugs, It can also realize cascade charge and use with power link cables.
2. One AC output for connection of SPARKULAR/SPARKULAR mini.
3. One 5V DC output for wireless DMX.
4. LCD screen shows the voltage of battery, which indicate the electricity quantity.

Charging:

When connect with AC, SPARKULAR Portable Pack will automatically switch to charging mode, it takes 4h to be fully charged, when voltage on LCD screen reached 29.4V, means it is fully charged.

When charging, Sparkular/Sparkular mini can be used normally, it will not consume the power from battery. UPS ON-OFF should on OFF status when charging.

Usage:

When use SPARKULAR/SPARKULAR mini on it (not connect AC), please turn on UPS ON-OFF switch.

In low battery, device will alarm slightly, please recharge it.

Storage:

In storage, the SPARKULAR Portable Pack should keep some amount of power, and turn off the UPS ON-OFF to avoid system drain battery power.

SPARKULAR mini can be used on the SPARKULAR Portable Pack directly. Due to the power limitation, for SPARKULAR, please set at low power consumption mode, otherwise will cause UPS halted. SPARKULAR set up as below:

Press “ENTER” key for 4s can enter Sparkular factory menu, press “MENU” to change interface and find “Low Power Mode” interface as below, set it at “ON” status. If can’t find “Low Power Mode” interface (available for software version V2.2 and above), please contact SHOWVEN service team for software update.

Low Power Mode  
ON