

USER MANUAL

SPARKULAR® Portable Pack

V2.0

2022/03/22



Showven Technologies Co., Ltd.

Thanks for choosing SPARKULAR® PORTABLE PACK, we wish it will sparks up your show.
Please read the following manual carefully before operating this product.

Δ **Safety Instructions**

- ∨ Unauthorized repair are prohibited, it may cause serious incident.
- ∨ Keep SPARKULAR® Portable Pack dry and do NOT use in rain or snow
- ∨ Please remember to recharge it every month, no matter use it or not
- ∨ Always fully charge the SPARKULAR® PORTABLE PACK after each show
- ∨ 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

Δ **Description**

SPARKULAR® PORTABLE PACK is a battery dock specially designed for SPARKULAR® mini and SPARKULAR®. It ensuring SPARKULAR® series products get rid of the dependence on main power supply, achieve real wireless control. It is an ideal choice for outdoor events, weddings, mobile displays etc.

Δ **Technical Specifications**

- ∨ **MODEL:** SP0520 / SP0521
- ∨ **DIMENSION:** 266×235×130mm
- ∨ **WEIGHT:** 7.5kg
- ∨ **OUTPUT:** 220V(SP0520)/110V(SP0521), 500W
- ∨ **BATTERY CAPACITY:** 24V10AH
- ∨ **Work Temp.:** -10°C~ 50°C
- ∨ **Casing Color:** Black / White optional

Δ **Interface**

POWER IN/OUT: compatible with stage effects plugs, can also realize cascade charge and use with power link cables.

110V / 220V AC Output: Power output for SPARKULAR® / SPARKULAR® mini.

5V DC Output: Power supply for wireless DMX.

LCD Screen: shows the voltage of battery, which indicate the electricity quantity.

UPS Switch: charging switch



Δ **Charging**

1. When connect with AC, SPARKULAR[®] Portable Pack will automatically switch to charging mode, it takes approximately 4h to be fully charged, when voltage on LCD screen reached 29V, means it is fully charged. Please continue to charge for about 1h when voltage reached 29V. When charging is complete, the internal charger will automatically switch to non-charging mode.
2. When charging, SPARKULAR[®] / SPARKULAR[®] mini can be used normally, it will not consume the power from battery.
3. UPS ON-OFF should switch to OFF status when charging.

Δ **Usage**

1. When use SPARKULAR[®] / SPARKULAR[®] mini on it (not connect AC), please turn on UPS ON-OFF switch.
2. In low battery, device will alarm, please recharge it.
3. SPARKULAR[®] mini can be used on SPARKULAR[®] Portable Pack directly.
4. 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 and hold "ENTER" key for 3s, 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

Δ **Maintenance**

- a) Please fully charge SPARKULAR® PORTABLE PACK if not use for a period of time, and turn off the UPS ON-OFF to avoid system drain battery power.
- b) Remember to recharge it every month no matter use it or not.

Δ **Warranty Instructions**

- \ Sincere thanks for your choosing our products, you will receive quality service from us
- \ The product warranty period is one year (battery inside is wearing part with warranty of 6 months). If there are any quality problems within 7 days after shipping out from our factory, we can exchange a brand new same model machine for you
- \ We will offer free of charge maintenance service for machines which with hardware malfunction (except for the instrument damage caused by human factors) in warranty period. Please don't repair machine without factory permission

Below situations NOT included in warranty service:

- \ Damage caused by improper transportation, usage, management, and maintenance, or damage caused by human factors;
- \ Disassemble, modify or repair products without permission;
- \ Damage caused by external reasons (lightning strike, power supply etc.)
- \ Damage caused by improper installation or use;

For product damage not included in warranty range, we can provide paid service. Invoice is necessary when applying for maintenance service from SHOWVEN®.

SHOWVEN[®]



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