

MARSRIVA

User Manual

Smart Mini DC UPS

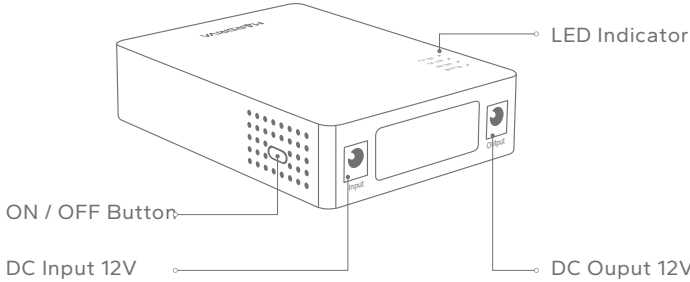
KP3S

www.marsriva.com

Package Contents

- Mini DC UPS KP3S
- DC Cable (Male to Male)
- User Manual

Features



Specifications

Model	KP3S
Battery Capacity	36Wh
Battery Cell	3.6V / 2500mAh * 4
Rated Input Voltage	12VDC
Output	12VDC / 1.5A (Max.)
Total Output	18W (Max.)
Net Weight	274g
Unit Dimension	115 * 83 * 27mm (L*W*H)
AC Mode Temperature	0°C – 40°C
Battery Mode Temperature	-10°C – 50°C
Operate Humidity	Less than 90%RH
Storage	15°C – 35°C, 40% – 75%RH


Marsriva Technology Co., Ltd.


Website: www.marsriva.com

E-mail: info@marsriva.com

Made in China

CE FCC RoHS





Specifications are subject to change without notice, all product drawings are for reference only.

Safety Instructions

Handle the DC UPS with Care

Because it contains sensitive electronic components, including batteries. Do check the working voltage of the devices to be powered, then connect to the corresponding output of the DC UPS. Do charge the DC UPS fully before initial use. Do not repair the DC UPS by yourself. Do not use the DC UPS in any flammable environments. Do not use damaged DC UPS, it may pose safety risks.

Charging Safety

Do use 12VDC power adapter or DC power supply. The input voltage range is 11.4 – 13.2VDC. You can use third-party power adapter that meet safety standards in your region, and it is recommended to use 12V / 2.0A. Using non-compliant adapter may cause DC UPS malfunctions. Do not risk injury or death by charging with unsafe adapters. Do not charge when the power adapter is damaged or in the presence of moisture. Ensure the adapter is fully plugged into the power outlet when charging.

Battery Safety

Do not attempt to replace the batteries by yourself. Incorrect handling can lead to battery damage, overheating, and potential injury.

Choking Hazard Warning

Do not put the DC UPS wherever children can reach. The DC UPS and accessories included may pose a choking hazard or other risks to children.

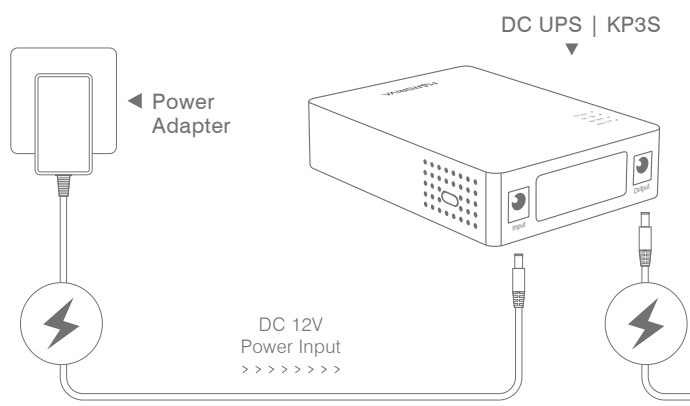
Caution

Before Connecting to DC UPS

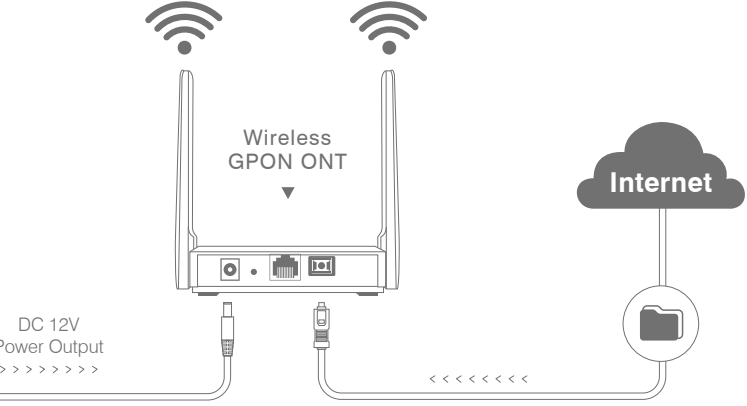
KP3S supports DC12V output only, please double-check the voltage your device requires. Normally, you can check the required input power for the device through the device's user manual or the label on the device, or you can contact the device manufacturer.

Typical Topology

Powering up one device



Note: Power adapter is excluded in package



DC 12V Power Input

DC 12V Power Output

Wireless GPON ONT

Internet

Instructions for Use

1. Connect Your Device to the DC UPS

While the DC UPS remains powered off, connect wireless routers, GPON ONT, and other devices to the DC UPS.

CAUTION!

It is recommended that the loads' power consumption of the DC UPS does not exceed the input power. If input power is less than loads' power consumption, battery won't be charged.

2. Connect Input Power to the DC UPS

Use your own power adapter or DC power supply to connect the DC UPS to power.

CAUTION!

If not in use for an extended period, maintain a full charge and store the DC UPS in a cool place. If the storage time is too long to turn on, please recharge in time. We recommend charging the DC UPS at least once per month.

Basic Operation

1. Turn On / Off the DC UPS

- In AC Mode / Line Mode
- The DC UPS will automatically turn on when connected to the power supply. Press and hold the ON/OFF button for approximately 2 seconds to turn off the DC UPS.
- To restart the DC UPS, press the ON/OFF button and turn on the DC UPS.

- In Battery Mode
- Press the ON/OFF button and turn on the DC UPS.
- Press and hold the ON/OFF button for approximately 2 seconds to turn off the DC UPS.
- The DC UPS will automatically shut down after 30 seconds if no load is connected.

2. Overload Protection

When an overload occurs, all indicators will light up and flash. The DC UPS will automatically shut down to protect itself if it is continuously overloaded. Please remove some loads before restarting the DC UPS.

3. Short Circuit Protection

When a short circuit occurs, all output ports will be turned off and KP3 will automatically shut down to protect your device.

4. Indicator

LED Indicator			Description
Indicator ①	AC mode	On	AC mode / Line Mode
		Off	Battery mode
		Flashing	An error with the power adapter
Indicator ②	100	On	60%~100% battery
		Flashing	Charging battery
Indicator ③	60	On	30%~60% battery
		Flashing	Charging battery
Indicator ④	30	On	0%~30% battery
		Flashing	Charging battery
All Indicators Flashing Simultaneously			Overloaded

备注：

说明书折页尺寸: 112 x 80mm（先三折后上下对折）

展开尺寸: 336 x 160mm

单色双面印刷 80g书纸