MARSRIVA

User Manual

Smart Mini DC UPS

KP2 Series

www.marsriva.com

Package Contents

- Mini DC UPS
- AC Power Cord
- DC5525 Y-Splitter Cable (Male to 2*Male)
- User Manual

Features

① PoE Reset
② LAN
③ PoE 24V
④ DC Output 9V / 12V (Selectable)
⑤ ON/OFF Button
⑥ DC Ouput (5V)
⑦ USB Output (5V)
⑧ AC Input 100V – 240V
⑨ LED Indicator

⚠ Caution

The function of the reset button is to reset the PoE load device connected to the DC UPS.
Please use the PoE device's own reset button to operate if this reset button fails to reset the PoE device. Please reset the PoE device under professional guidance.

Specifications

Name		Smart Mini DC UPS				
Model		KP2 EC	KP2	KP2 Plus	KP2 Pro	KP2 Ultra
Battery Capacity		29.6Wh	37Wh	59.2Wh	29.6Wh	59.2Wh
Battery Type		Lithium-ion				
Material		ABS+PC				
Input		100VAC – 240VAC / 50 – 60Hz				
Output	PoE	24V / 0.75A			24V / 1.0A	
	DC 1	9V / 2.0A or 12V / 1.5A			9V / 2.5A or 12V / 2.5A	
	DC 2	5V / 2.1A			5V / 2.4A	
	USB	5V / 2.1A			5V / 2.4A	
Total Output		18W (Max.)			30W (Max.)	
Net Weight		340	349	490	360	512
Unit Dimension		173 * 108 * 31.8 (L*W*H)				
Operate Temperature	AC Mode	0℃ – 40℃				
	Battery Mode	-10℃ – 50℃				
Operate Humidity		Less than 75%RH				
Storage		15℃ – 35℃, 40 – 75%RH				

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CE FC 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 the original power cord provided with your DC UPS. You can also use third-party power cord that meet safety standards in your region. Using non-compliant power cord may cause DC UPS malfunctions.
Do not risk injury or death by charging with unsafe power cord.
Do not charge when the power cord is damaged or in the presence of moisture. Ensure the power cord 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

1. Your internet configuration should be completed.
2. KP2 series supports DC 5V / 9V / 12V 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

Typical Topology 1 - Powering up one device

Typical Topology 2 - Powering up two devices

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!
The output power of this model is determined by its total power capacity, and the combined power of all connected loads must not exceed the maximum output power.

2. Connect Input Power to the DC UPS

Use the power cord included in the package 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
  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 3 power 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 KP2 series will automatically shut down to protect your device.

4. Indicator

LED Indicator			Description
Indicator ①	AC mode	On	AC mode
Indicator ②	Battery mode	On	Battery mode
Indicator ③	100	On	60% – 100% battery
		Flashing	Charging battery
Indicator ④	60	On	30% – 60% battery
		Flashing	Charging battery
Indicator ⑤	30	On	0% – 30% battery
		Flashing	Charging battery
All 3 power indicators Flashing Simultaneously			Overloaded

备注：

说明书折页120x85mm（先三折后上下对折）
单色双面印刷 80g书纸