

MARSRIVA

User Manual

Smart Mini DC UPS

KP9 Pro

www.marsriva.com

Package Contents

- Mini DC UPS KP9 Pro
- AC Power Cord
- DC5521 Cable (Male to Male)
- Adapter (DC5521 to DC5525)
- User Manual

Features

LCD Display

1

2

3

4

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6

220

W

BATTERY

① Overload Indicator

② AC/Battery Mode

③ AC Input Voltage Indicator

④ Output Power Indicator

⑤ Battery Capacity Indicator

⑥ ON/OFF Button

Safety Instructions

- Handle the DC UPS with care**
Because it contains sensitive electronic components, including batteries.
Do check the working voltage, current, and polarity of the loads before connecting them to the DC UPS, then choose the corresponding voltage.
Do charge the DC UPS fully before initial use.
Do check the load interface before using DC UPS, if the cable unable to plug into the interface please use the adapter provided in package contents or other compatible adapters ensure the load can be connected.
Do check the DC UPS output is not operated exceeding the maximum safe current of the used cable.
Do not drop, burn, puncture, crush, disassemble, or expose the DC UPS to excessive heat, liquids, or harsh industrial environments. This includes areas with high concentrations of industrial chemicals, such as those near evaporating liquefied gases like helium.
Do not use the DC UPS in any flammable environments.
Do not repair the DC UPS by yourself.
Do not use damaged DC UPS, it may pose safety risks.
- 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.

Rear Panel

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⑦ AC Input

⑧ POE Output (24V / 48V)

⑨ DC Output (9V / 12V)

⑩ DC Output (48V / 53V)

⑪ DC Output (14V / 16V / 19V / 24V)

⑫ DC Output (12V)

⑬ DC Output (5V)

⑭ USB Output (5V)

CAUTION!

Before connecting the load devices, please ensure the voltage of output port on DC UPS is correct and match the input voltage of your load devices. And please ensure the voltage switch has been set to the correct voltage before using the adjustable voltage output port.

Specifications

Model	KP9 Pro
Battery Capacity	76.8Wh
Battery Type	LiFePO4
Battery Spec	3.2V / 24000mAh
Enclosure Material	Metal
Input	100VAC – 240VAC / 50Hz – 60Hz
Output	1 * Gigabit PoE 24V / 1.0A or 48V / 0.7A 2 * DC 48V / 2.0A or 53V / 1.8A 1 * DC 14V / 4.0A or 16V / 4.0A or 19V / 4.0A or 24V / 4.0A 1 * DC 9V / 3.0A or 12V / 3.0A 7 * DC 12V / 5.0A 1 * DC 5V / 2.0A 1 * USB 5V / 2.0A
Total Output	100W (Max.)
Net Weight (kg)	1.95
Unit Dimension (mm)	258 * 220 * 53 (L * W * H)
Operate	AC Mode 0℃ – 40℃
Temperature	Battery Mode -10℃ – 50℃
Operate Humidity	Less than 75%RH
Storage	15℃ – 35℃, 40% – 75%RH

CAUTION!

60 watts maximum total output power when the input voltage range is 100VAC – 155VAC.

MARSRIVA Technology Co., Ltd.

Website: www.marsriva.com

E-mail: support@marsriva.com

Made in China

CE FC RoHS

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

Typical Topology

Internet

Wireless GPON ONT

NVR / Network Switch

IP Cameras

DC UPS | KP9 Pro

LCD Monitor

Laptop

12V DC Power Output

48V or 53V DC Power Output

14V / 16V / 19V / 24V DC Power Output

12V DC Power Output

Note

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, recharge by plugging into the grid until the status light turns green. We recommend charging the DC UPS at least once per month.

Instructions for Use

1. Connect your equipment to the DC UPS

While the DC UPS remains powered off, connect wireless routers, monitors, CCTV cameras, 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 AC power cord included in the package to connect the DC UPS to power.

3. Turn On the DC UPS

Press and hold the ON/OFF button for approximately 2 seconds to turn on the DC UPS. After the LCD display lights up, you can view the battery status and output power. Press the ON/OFF button lightly for 0.5 seconds to display the input voltage.

CAUTION!

The DC UPS will shut down automatically when it has a low battery. In order to prevent over-discharging of the lithium batteries, please restart the DC UPS when AC is available after a low battery cutoff.

Basic Operation

1. Turn off the DC UPS

To turn the DC UPS off, press and hold the ON/OFF button for approximately 2 seconds. When powered by an AC power cord, turning off the DC UPS will result in no output, but the display screen will remain on.

2. Selectable voltage switch

9V 12V

The output voltage of the DC port can be selected between 9V and 12V by moving the DC voltage switch.

24V 48V

The output voltage of the DC port can be selected between 24V and 48V by moving the DC voltage switch.

48V 53V

The output voltage of the DC port can be selected between 48V and 53V by moving the DC voltage switch.

14/16/19/24V

The output voltage of the DC port can be selected between 14V,16V,19V and 24V by moving the DC voltage switch.

3. Indicator

BATTERY

In AC mode, the indicator light is off.

In Battery mode,the indicator light remains on.

4. Circuit protection

When a short circuit occurs, the DC UPS will automatically cut off the output of the specific circuit.

5. Overload protection

When an overload occurs, the overload indicator light will light up and flash. In this situation, please remove some load. The DC UPS will automatically shut down to protect itself if it is continuously overloaded.

备注：说明书折页120*85mm（先三折后上下对折）
单色双面印刷 80g书纸