

Product specification sheet

Product	Marsriva KP1 Plus Mini UPS 16000mAh
SKU	cm-KP1-Plus
Brand	Marsriva
Category	Accessories
Minimum order quantity	1
Unit	—
Unit price	\$31.00
Available quantity	100

Description

Marsriva KP1 Plus Mini DC UPS The Marsriva KP1 Plus Mini DC UPS is designed to keep essential low-power devices running during electricity cuts or power switching. With a 59.2Wh lithium-ion battery, 16000mAh battery configuration, 4 DC outputs, USB-C and USB-A output, 0ms AC-to-DC transfer, wall-mount support, and flame-retardant casing, it is a practical backup power solution for Wi-Fi routers, modems, ONU devices, CCTV accessories, and other compatible low-power DC devices.

Key Features

- Keeps Wi-Fi Power On** Helps keep compatible routers, modems, and network devices powered during power interruptions.
- 59.2Wh Lithium-Ion Battery** Built with a lithium-ion battery system designed for backup power and daily UPS use.
- 16000mAh Battery Configuration** Uses 3.7V / 4000mAh × 4 battery cells for extended runtime depending on connected device power usage.
- 4 DC Outputs + USB Ports** Provides multiple output options for powering compatible DC devices and USB-powered devices.
- 0ms Seamless Switching** AC-to-DC transfer helps connected devices continue running without interruption during power changes.
- Multiple DC Voltage Options** Includes 12V, 9V, and 5V DC outputs for wider compatibility with supported devices.
- USB-C & USB-A Output** Offers additional 5V output for compatible USB-powered devices.
- Wall-Mount Installation** Built-in wall-mount slots make installation easier for router areas, network cabinets, or home setups.
- Efficient Air Cooling** Air-cooling design helps maintain stable operation during long UPS usage.
- V-0 Flame-Retardant Casing** ABS + PC casing helps improve safety and durability for daily use.

Technical Specifications

Product Type: Mini DC UPS
Brand: Marsriva
Model: KP1 Plus
Battery Capacity: 59.2Wh
Battery Type: Lithium-ion
Battery Specification: 3.7V / 4000mAh × 4
Material: ABS + PC
AC Input: 100VAC–280VAC
PV Input: 12VDC–18VDC
Total Output: 18W
Max Net Weight: 483g
Dimensions: 173 × 108 × 31.8mm
Cooling: Air-cooling
Mounting: Wall-mount slots
Use Case: Router backup, modem backup, network device backup, CCTV accessory power, low-power DC device backup, and USB device power

Output Ports

DC1 Output: 12V / 1.5A
DC2 Output: 12V / 1.5A
DC3 Output: 9V / 2.0A
DC4 Output: 5V / 2.4A
USB-C Output: 5V / 2.4A
USB-A Output: 5V / 2.4A
Total Output Power: 18W

Max Input AC Input: 100VAC–280VAC
PV Input: 12VDC–18VDC

Battery & Runtime Battery Capacity: 59.2Wh
Battery Configuration: 3.7V / 4000mAh × 4
Runtime depends on the connected device power consumption, output voltage, number of devices connected, and battery condition.

Operating Conditions

UPS Mode Operating Temperature: 0°C–40°C
Battery Mode Operating Temperature: -15°C–50°C
Operating Humidity: Less than 75%RH
Storage Temperature: 15°C–35°C
Storage Humidity: 40–75%RH

Best Use Cases Wi-Fi router backup Internet modem backup ONU / fiber device backup Network switch backup CCTV accessory backup Low-power DC device backup Home internet during electricity cuts Office internet continuity Small network cabinet setup Wall-mounted router area

Compatibility Compatible 12V devices up to 1.5A per supported DC output
Compatible 9V devices up to 2.0A
Compatible 5V devices up to 2.4A
USB-powered 5V devices Routers, modems, and small network devices within the 18W total output limit
Devices using compatible DC connector sizes and polarity