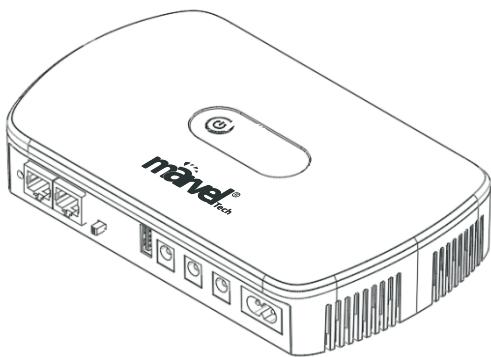




Mini DC UPS

MDU-10 pro



User Manual

Congratulations on your purchase!

We recognize the stress and annoyance of power outages. The MDU Series Mini DC UPS is a quick and easy way to stay connected and powered up! Can provides backup power for your wifi router or modem, smartphones, CCTV and LED lights.



Read all safety information below and operating instructions before using this DC UPS to avoid injury and damage to your devices. We assume no responsibility for the damage to charged devices due to improper operation of this DC UPS. Improper use may result in product damage, decreased battery life and loss of charging capacity not covered by the manufacturer's warranty.

Package Contents:

1.1 × MDU- UPS

2.1 × 0.8m AC power cable

3.1 × 0.3 m One- to- One 5.5*2.5 male to 5.5*2.5 male DC Power Cables

4.1 × 0.3 m One- to- Two 5.5*2.5 male to 5.5*2.5 male DC Power Cables

5. User's Manual



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Product Features:

- Intelligent circuit design with over- charging over- discharging and over- load and short circuit protection
- Built- in high capacity lithium batteries
- LED or LCD status indicators
- Voltage selector
- 5V/2A USB Output for charging smartphones quickly
- Built- in adapter allows wide AC voltage range 100~240 Vac
- Suitable for most digital devices
- Power over Ethernet (POE) transmits data and power at the same time
- Automatic switch- on when connected to AC power
- Wall- mountable design

Product Specifications:

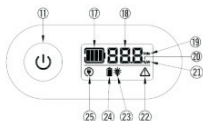
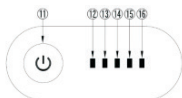
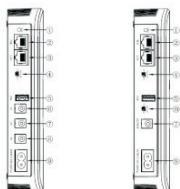
Model	MDU-10 pro
Input	100~240VAC / 50~60Hz
Output	USB 5V/2A DC 5V/2A DC 9V/1A DC 12V/1A POE 15V/0.6A POE 24V/0.6A
Output Power (max.)	18W
Specifications of battery	18650
Quantity of battery	4
Capacity of battery	10400 mah
Operate temperature	0 C ~ 45 C
Operate humidity	10% ~ 90% RH
Dimension	186mm*114mm*37mm
Net weight	0.47kg

Instructions of the Components:

- 1.Reset button for POE
- 2.Ethernet output interface (POE output:15V /24V)
- 3.LAN Ethernet interface
- 4.Output voltage Selector for POE (15V /24V)
- 5.USB (DC/5V) output port
- 6.DC5V output port
- 7.DC 12V output port
- 8.DC9V output port
- 9.AC power input
- 10.Output voltage selector for DC port (9V /12V)

- 11.ON/OFF S witch
- 12.Status indicator
- 13.25% battery capacity LED indicator
- 14.50% battery capacity LED indicator
- 15.75% battery capacity LED indicator
- 16.100% Battery capacity LED indicator
- 17.Power icon
- 18.Digital display area
- 19.DC voltage units
- 20.Percentage
- 21.Power units
- 22.Warning icon
- 23.Load Icon
- 24.Battery back up mode icon
- 25.AC mode icon

Product Overview:



Operation Instructions

1. Press and hold the power button for 2- 3 seconds to switch on the UPS. The POE voltage switch can adjust the output voltage of the POE port between 15V and 24V. Select required voltage.
2. Please charge the UPS fully before connection. When the status light is green, it is charging. Whilst charging, the power indicator lights will indicate the capacity of the battery from 25%- 100% respectively. 100% is fully charged.
3. The status light will turn red to indicate battery backup mode is active. The power indicator lights will turn off from 100%- 25% respectively as the battery power depletes. When the light flashes at 25%, the battery power is low and the UPS ready to shut down.
4. If you use the LCD version, you can read the current battery voltage, output power and operating mode of the UPS on the LCD screen. Short press the ON/OFF Switch to Switch the display.
5. The output power of this UPS is controlled by total power capacity. The total power that is connected to all the ports cannot exceed the maximum output power. If so, all output ports will close and the UPS will shut down automatically. Please remove excess loads.
6. Before connecting your device to the UPS, check its working voltage, current and polarity which you can find on the original adapter
7. To avoid over- discharging of the lithium batteries. Please restart the UPS with the AC power connected after the low battery shut down
8. The UPS will be shut down automatically once the battery power is low. You can restart once connected to the AC power.
9. If the UPS is not in use, please ensure it is fully charged and kept in a cool place. If the UPS has not been in use for a while, please connect to AC power until the status light is green Charging the battery once a month is recommended to prolong battery life
10. The USB port provides 5V charging to digital devices



Safety Precautions:

- Check the working voltage, current and polarity of the loads before connecting devices to the UPS. Choose the correct corresponding voltage.
- Charge fully before initial use.
- It is recommended that you use the included cable to charge the unit
- Do not store in high or low temperature environments, small enclosed areas without ventilation or place in a fire
- Do not drop, bump, throw or shake the unit as this may damage the internal components
- Do not disassemble or try to repair or modify
- Do not allow the unit to come in contact with water or moisture
- If the unit becomes excessively hot, emits odour, gets dented or experiences any abnormal deformity, stop using it immediately.
- Only dispose of the unit at an authorized recycling centre.
- Do not use harsh chemicals or cleaning agents to clean the unit
- Keep out of reach of children.
- Do not dispose the unit into fire or expose the unit to direct sunlight for long periods of time.
- Do not use a damaged cable or power adapter to charge the unit
- The unit should be charged at least once a month to avoid shortening the battery life

Consumer Information:

Your consumer rights are governed by the laws of the country in which you purchased the product. Please contact your service provider for more information.

Correct Disposal

-  This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger cable) should not be disposed of with other household waste
-  This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste

Caution:

Risk of explosion if the battery is tampered with in any way. Do not disassemble. Dispose of used batteries according to the safety precautions