

# USER'S MANUAL



## ***MDU-924***

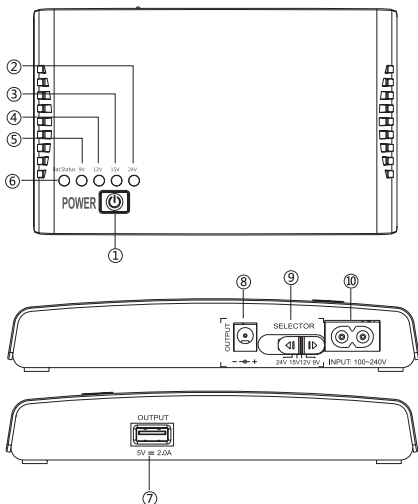
{ Thank you for choosing our DC UPS. Before operating this unit, please read the USER'S MANUAL carefully in order to make sure that the best possible performance is obtained. }

## 1 . DC UPS package

- 1) MDU-924
- 2) AC power cable
- 3) DC output cables (2 ends)
- 4) User's manual
- 5) Warranty card

## 2 . Instructions of the components

- |                        |                                  |
|------------------------|----------------------------------|
| 1) ON/OFF Switch       | 6) Battery status indicator      |
| 2) 24Vdc LED Indicator | 7) USB (5Vdc) output             |
| 3) 15Vdc LED Indicator | 8) Output socket (9/12/15/24Vdc) |
| 4) 12Vdc LED Indicator | 9) Output voltage selector       |
| 5) 9Vdc LED Indicator  | 10) AC input socket              |



### 3 . Features

- 1) High capacity lithium batteries, provides long backup to the loads.
- 2) High compatibility, suitable for most digital products in the market.
- 3) USB output (5V), can supply charging for digital products like mobile phone, PDA, PSP, IPOD, MP4... etc.
- 4) Intelligent circuit design with over-charging, over-discharging and short circuit protections.
- 5) Built-in adapter allows wide AC voltage range (100~240Vac).

### 4 . High compatibilities





Please do not arbitrarily disassemble, squeeze, short circuit the batteries or dispose the batteries into water or fire. Do not put the UPS in any places where is over 60°C (140°F) .


## 5 . How to use

### How to use



- 1) In order to prevent over-discharging of the lithium batteries, please restart the UPS when AC is available after low battery cutoff.
- 2) Press the POWER button for 2~3 seconds to turn on the UPS and you would see the battery status indicator light up (GREEN means the battery is full, ORANGE indicates 50% full and RED stands for low battery.) The BLUE LED indicates the current output voltage, and users can choose the preferred output voltage (9V,12V,15V,24V) by sliding the voltage selection button. Press the POWER button again for 2~3 seconds to turn off the UPS (all LED would be off and no more output provided.)
- 3) Before connecting the loads to the UPS, it's a must to check their nominal working voltage, current and polarity which you can find on their original adapters.
- 4) Plug-and-play USB provides stable charging to the digital products with their original charging cables.
- 5) When AC blackout happens or this unit is being used as a portable power bank, please DO charge it without further delay when the battery status indicator turns RED.
- 6) Please keep the UPS in a cool space after fully charging if it is not in use for an extended period. Charging once a month is highly recommended.

## 6 . Specifications

Model	MDU-924
Rated working voltage	100~240Vac/50-60Hz
Output power(Max.)	17Watt
DC output voltage and current	9、12Vdc $\approx$ 1000mA 15Vdc $\approx$ 800mA 24Vdc $\approx$ 500mA
USB output voltage and current	5Vdc $\approx$ 2000mA
Output polarity	— —  +
Specification of lithium batteries	2600mAhx4
Dimension	166x103x29mm
Weight	0.375kg

\* Products specifications are subject to change without notice.



### Warning

1. Do check the working voltage, current and polarity of the loads before connecting them to the UPS, then choose the corresponding voltage.
2. Please charge fully before initial use.
3. Dropping, hitting, disassembling and repairing privately are forbidden.
4. Do not put the UPS into water or make it wet.
5. Do not dispose of the UPS in fire or heating it.
6. Do not use the UPS in any flammable environments.
7. Do not put the UPS in any places where Children can reach.

