

USER'S MANUAL



MDU-512

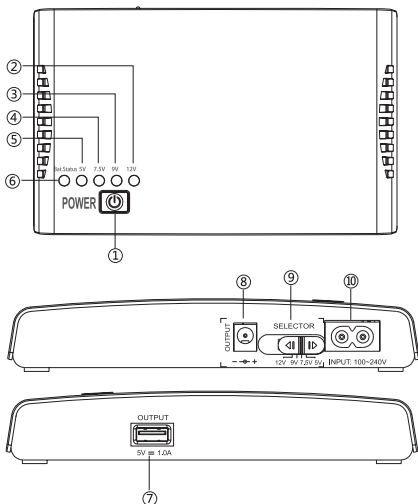
{ Thank you for choosing our DC UPS. Before operating this unit, please read the USER'S MANUAL carefully in order to make sure that the best possible performance is obtained. }

1 . ECO UPS package

- 1) MDU-512
- 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) 12Vdc LED Indicator | 7) USB (5Vdc) output |
| 3) 9Vdc LED Indicator | 8) Output socket (5/7.5/9/12Vdc) |
| 4) 7.5Vdc LED Indicator | 9) Output voltage selector |
| 5) 5Vdc 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) .

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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 will see the light up of the battery status indicator (GREEN means battery full, YELLOW means 50% full and RED stands for battery low). The BLUE LED indicates the current output voltage, and the user can choose the preferred output voltage (5V, 7.5V, 9V or 12Vdc) by sliding the voltage selection button. Press again the POWER button for 2~3 seconds to turn off the UPS (all LED will 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.

