



USER'S MANUAL



MDU-POE LFP 9

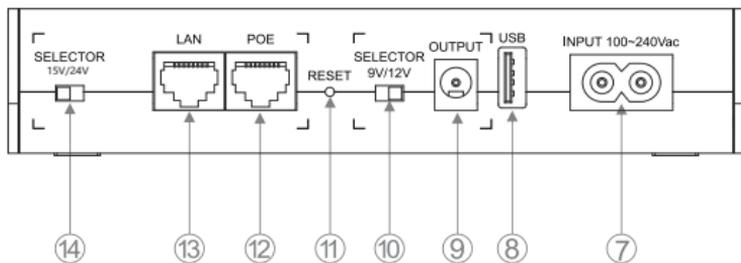
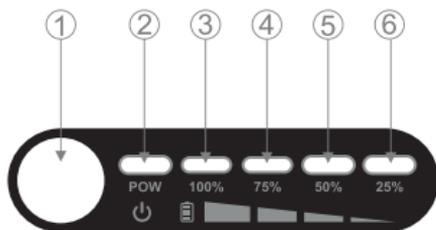
Thank you for choosing our Mini DC UPS. Before operating this unit, please read the USER'S MANUAL carefully in order to make sure that the best possible performance is obtained.

1. POE UPS package

- 1) MDU-POE LFP 9
- 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 | 9) Output socket 9V/12V |
| 2) Power LED indicator | 10) Output voltage selector 9V/12V |
| 3) 100% Battery LED Indicator | 11) Reset button for POE devices |
| 4) 75% Battery LED Indicator | 12) Ethernet output interface
(POE output: 15V/24V) |
| 5) 50% Battery LED Indicator | 13) LAN ethernet interface |
| 6) 25% Battery LED Indicator | 14) Output voltage selector 15V/24V |
| 7) AC input socket | |
| 8) USB (5Vdc) output | |



3 . Features

- 1) High capacity LiFePO4 batteries, provides long backup to the loads, Cycle Life :1500 Cycle
- 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) Power Over Ethernet(POE) can transmit the data and power at the same time to simplify wire set.
- 5) Intelligent circuit design with over-charging, over-discharging and short circuit protections.
- 6) 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



1. Before connecting the devices to the UPS, you must check the nominal working voltage, current and polarity of the load, then adjust the voltage of the UPS to the corresponding load voltage, confirm that the corresponding port is correct then connect to the load to prevent the machine from being burned out by connecting the wrong voltage.
2. Each output terminal of this model has independent output power protection and short-circuit protection, and has a general power protection mechanism. The power of the load connected to all ports cannot exceed the defaulted output power. Otherwise, the corresponding port will turn off. When the total power setting is exceeded, the 4 power indicator lights will flash at the same time and all output ports will turn off. Please remove the overloaded load. The UPS will restart every 5 seconds. UPS work continuously when the load within overload protection range.
3. Press and hold the power button for 2-3 seconds to start the UPS. If the 9V or 12V indicator light is green, it means that the DC port is outputting voltage, and the output voltage can be selected between 9V and 12V by moving the DC voltage switch. By moving the POE voltage switch, the output voltage of the POE port can be selected between 24V and 48V. Plug and play USB provides stable 5V power supply for digital products.
4. When the battery is less than 10%, the battery indicator flashes red. 10%~30% battery indicator light is solid red. The 30%~80% battery indicator light is solid orange. 80%~100% battery indicator light is solid green. When charging, the corresponding battery level indicator flashes.

- After the UPS automatically shuts down when the battery is low, it will automatically restart the output when the AC is restored.
- If you do not use it for a long time, please keep it fully charged and press the power switch to OFF state, and keep it in a cool place. It is recommended to charge the battery every 3 months.

6 . Specifications

Model	MDU-POE LFP 9		
Rated working voltage	100~240Vac / 50-60Hz		
Output power(Max.)	17W		
Output	USB	DC	POE
Output voltage(selectable)	5Vdc	9Vdc / 12Vdc	15Vdc / 24Vdc
Output polarity			+4,5pins -7,8pins
Output power & current (in common)	5V2A	9V1.8A / 12V1.4A	15V1A / 24V0.7A
QTY. & capacity of battery	4500mAh*2 ,1500 Cycle		
Unit dimension(mm)	160*105*27.5		
Net weight(kg)	0.415		

* Products specifications are subject to change without notice.



Warning

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

