



MEDALPOWER

Uninterruptible Power Supply(UPS)

18W

DC UPS

MPDCU#18WA



www.medal-power.com

PACKAGE CONTENT

- 1) 1 × DC-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) 1 × Wall-mounted metal fittings
- 6) 1 × fixing screws
- 7) User's Manual

DESCRIPTION:

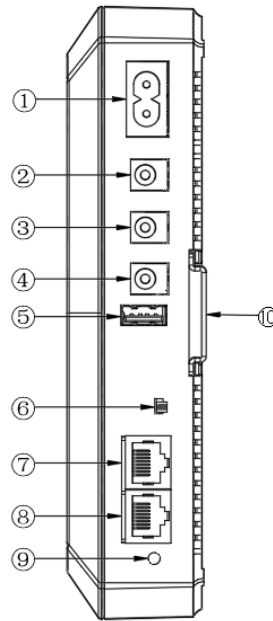
The DC series UPS is simple to install and allows you to power various devices during a power outage. With multiple-voltage DC outputs, this UPS can power both your Router and ONU (Optical Network Unit) so you can continue browsing the web, working online, or Streaming. CCTV cameras and VoIP phones can also be connected and powered via the Power Over Ethernet (PoE) port. Charge mobile devices such as cell phones and tablets via USB. Featuring 4 high-capacity Battery (10400mAh / 38.5Wh max and Li-ion or LiFePo4) with safety protocols such as over-charge, over-discharge and short circuit protection.

FEATURES

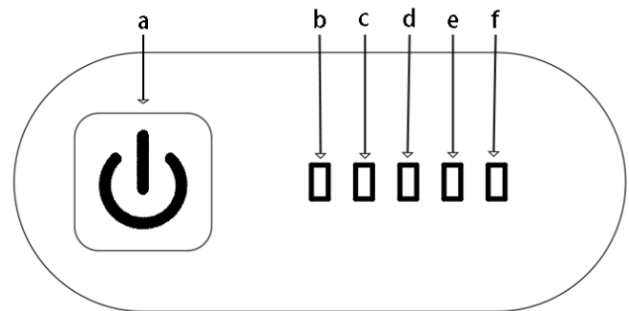
- Power your Router and ONU (Optical Network Unit) during power outages.
- Keep your mobile devices charged with USB ports.
- Power your CCTV cameras and VoIP phones with POE.
- Compatible with a wide range of routers.
- 38.5Wh max High-capacity Li-ion or LiFePo4 batteries.
- Intelligent protective design with over-charge, over-discharge, over-load and short circuit protection
- Easy wall mounting with wall mounted accessories

Instructions of the Components

- ① AC input socket
- ② Output port(9V)
- ③ Output port(12V)
- ④ Output port(5V)
- ⑤ USB (5Vdc) output port
- ⑥ Output voltage Selector(POE)
- ⑦ LAN Ethernet interface
- ⑧ Ethernet output interface (POE output)
- ⑨ Reset button for POE
- ⑩ Wall brackets



- a. ON/OFF Switch
- b. Work status indicator
- c. 25% battery capacity LED indicator
- d. 50% battery capacity LED indicator
- e. 75% battery capacity LED indicator
- f. 100% Battery capacity LED indicator



LED Panels

SPECIFICATIONS

Model	MPDCU#18WA
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
Power output	18W
Battery type	Lithium-Ion
Battery specifications	18650
Battery number	4
Battery capacity	8800mah
Ambient temperature in working mode	0-40°C
Storage temperature	-10°C-70°C
Working humidity	0-85%RH
Unit dimension	180mm *106mm *40mm
Net Weight	0.4kg
Protection class	IP20

For custom orders, please contact a salesperson.

Note: Net weight is related to battery specifications and options.

HOW TO USE

1. When using the UPS for the first time or when it has been idle for a long time, please connect it to the AC power to charge the UPS to prevent the UPS from being unable to start up normally because the battery is too low and has entered an over-discharge protection state.
2. When the UPS is power-off or at a loss of power, the UPS will automatically turn on and charge the battery when connected to the charging power supply; when the UPS is power off and the battery voltage is normal, press and hold the switch button for 3 seconds to turn on the UPS.
3. For best performance, fully charge the battery before connecting to the load.
4. Before connecting to the load, the operating voltage, current and polarity of the load equipment must be confirmed before connecting to the corresponding output connector of the UPS, otherwise there is a risk of burning out the load.
5. The maximum load power of the UPS is limited by the sum of the output power of each port, the total power of the load connected to all output ports must not exceed the maximum output power of the UPS, if the output is overloaded, the UPS will enter the overload protection state, after a short prompt the UPS will shut down the output of all ports and turn off, it needs to be unloaded and restarted before the UPS can resume normal.
6. The UPS supports both LED light board display and LCD display, the different specifications of the equipment are used as follows:

LED version: When charging with mains power, the status light will be green, when charging with 12~24V DC power, the status light will be yellow. During the charging process, the power indicator will light up from 25%, 50%, 75% to 100% one by one, corresponding to the power percentage indicator flashing, when all the power indicators light up and stop flashing means the battery is fully charged; when disconnecting the charging power, the status light will change to red, the lithium battery starts to supply power to the load, the power indicator will go out from 100%, 75%, 50% to 25% one by one, when the 25% indicator light flashes, it means that the battery is about to run out of power. When all the indicators go out, the device enters an over-discharge protection state and shuts down, and needs to be reconnected to the mains or 12-24V DC power supply to charge the UPS before it can be turned on normally.

LCD version: The screen will display the current operating status of the device in real time, the battery icon can display the percentage of current power, the small icon at the bottom of the screen can display the current working mode and alarm signal; short press the switch button to switch the display information, you can cycle through the display of battery voltage, output power, load specific gravity. During the charging process, the battery icon will gradually light up and flash to remind the current charging level. When the charging power is disconnected, the mains icon and the solar panel icon will go out and the lithium battery will start to supply power to the load, the battery icon will go out one by one, when the last cell flashes, it means the battery power is about to run out, when the battery power is exhausted, the equipment will enter the over discharge protection state and shut down, it needs to be reconnected to the AC power to charge the UPS before it can be turned on normally.
7. For wall mounting, remove the supplied wall kit, drill a hole in the right place and place the adhesive pellets, then use a screwdriver to fix the metal wall parts to the wall with screw fittings and finally embed the UPS mainframe into the metal pendant.
8. If this device is not used for a long time, keep it fully charged and in a cool place, or charge it first if it is left idle for too long to turn on (refer to step 1).
9. It is recommended to recharge the device's battery at least once a month to prolong the life of the battery.

WARNING

Please ensure that the combined power draw of connected devices does not exceed 18W(DCP-18W) or 36W(DCP-36W). Ensure the voltage of the device is connected to the correct voltage output before turning the UPS on. Failure to adhere to this warning may result in damage to the connected devices. Refer to your manual for additional safety information.

1. Please check the voltage, current, and polarity specifications of the device you intend to connect to the UPS and make sure that the corresponding voltage is selected on the UPS, before you connect the device.
2. Please charge fully before initial use.
3. Do not drop, hit or attempt to open or disassemble the device.
4. Do not expose the device to water or liquids.
5. Do not expose the device to heat, open flames or flammable environments.
6. Keep the device out of reach from children as this may be a hazard.
7. Do not replace the battery in this device with any unauthorized replacement as this may cause power safety protocols to fail.
8. Do not dispose of the battery into open fires, smelting furnaces, or by mechanically crushing/cutting it as this may result in an explosion.
9. Do not expose the battery to extremely high temperature environments as this may result in an explosion or the leakage of flammable liquid/gas.
10. Do not expose the battery to extremely low air pressure environments as this may result in an explosion or the leakage of flammable liquid/gas.

STATEMENT OF LIMITED WARRANTY

This warranty covers a product that proves defective because of improper material or workmanship during the warranty period. Exclusions include problems caused by environmental conditions, malfunctions or damage due to negligence or mishandling of the equipment. For warranty claims and repair, please contact your local authorized reseller/service center.



MEDALPOWER

Leave Power for Medal Power

www.medal-power.com

