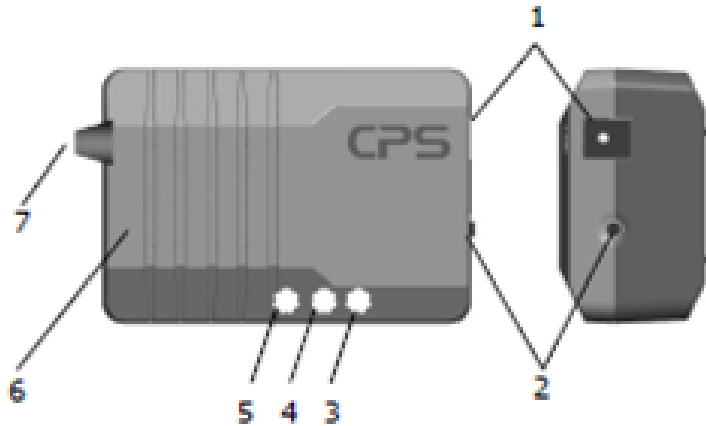


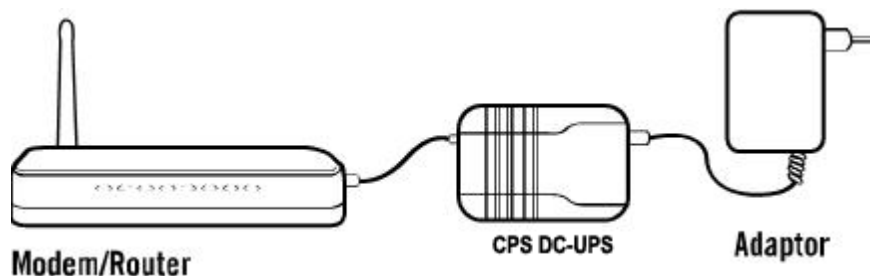
INTRODUCTION



Dimensions L x W x H (mm): 84 x 58 x 35

1. Input connector (5.5/2.1mm DC socket)
2. Backup mode shutdown button
3. Orange LED - Battery backup or adaptor power failure
4. Red LED - Flashing: Battery low; Still: Protection alarm
5. Blue LED - Protection mode ON
6. Green LED - Battery charging (off When Fully Charged)
7. Output cable

Below shows a typical Router application.



INSTALLATION & START UP

1. Firstly, unplug the adaptor from the power source. Disconnect the adaptor from the equipment.
2. Connect the DC-UPS between AC/DC adaptor and the device (shown as diagram on the left).
3. Switch on the adaptor power, check if the blue & green LED's are illuminated.
4. Turn the adaptor power off, and check if UPS works in normal backup mode.
5. Turn the Adaptor power on again, and check if UPS restores to Line Mode (Blue LED light remain On, Yellow LED Off).

SHUT DOWN UPS

1. Switch off or unplug the adaptor power source.
2. Press and hold the shutdown button for 2 seconds and then release, the status LED's will turn off.

IMPORTANT NOTES

1. Always turn the adaptor power on after the device/s are connected to the UPS to prevent current over range protection mode shutdown.
2. If UPS shows protecting alarm (Red LED), turn off adaptor power first, and turn the power back on after the UPS resets.
3. If the UPS repeats the protecting mode, recheck the starting sequence and the equipment loading power rating. (Max 10 Watts)



ROUTER DC-UPS SERIES USER MANUAL

FEATURES

Simple "plug and play" installation Ultra slim compact design
Online style UPS design
Operating temperature range 0~50°C
Lithium Polymer battery technology
Microprocessor embedded control Advanced battery life management system
Surge and lightning protection
Over voltage protection Overload/short circuit protection Auto start and manual on/off switch
LED status indicators
Uses standard 5.5/2.1mm DC connectors

The CPS DC-UPS is a small, compact "online" 5~12V DC UPS system that provide back-up power in the event of an input power failure. Utilizing Lithium Polymer (Li-Po) battery technology, it can be used to back-up 5~12V DC/AC devices up to 10W, such as routers, wireless routers, modems, and access points.

MAINTENANCE

There is no regular maintenance required of this device. If the device enters 'Alarm' mode, the cause of the failure should be investigated e.g. short circuit load or overload. The fault should be rectified before restoring power to the device

SPECIFICATION

Input Spec

Voltage (operating) 5~12V DC/AC auto recognition (+/- 5%)
Input current (max) 2A max @ 5V
DC Input Connector 5.5x2.1; 5.5x2.5, 4.8x1.7mm DC socket

Output Spec

Voltage 5/6/7.5/9/12V DC auto selection (+/- 5%)
Max Output Power 10 Watt
Max load current 2A/5V;1.6A/6V;1.3A/7.5V;1.1A/9V;0.8A/12V
DC Output Connector 5.5x2.1; 5.5x2.5, 4.8x1.7mm DC plug
Ripple 1%
Overload protection 110%
Transfer time 0ms (zero)

Battery

Type Li-Polymer 3.7V
Recharge time 6hrs to 90% (1250mAh)
10hrs to 90% (2200mAh)
Battery low/cut level 3.6V / 3.2V

Load Current	Estimated Backup Time (fully Charged)	
Capacity	1250mAh	2200mAh
200mA	98 mins	178 mins
400mA	56 mins	98 mins
800mA	18 mins	38 mins