

PUPS30WDL DC UPS



PUPS30WDL Series Lithium Battery Powered Mini DC UPS

The PUPS30WDL is an uninterruptible power supply designed specifically for 12V devices. It provides stable 12V DC power with a maximum output current of 2.5A. It is compatible with small DC devices rated at 12V and with a power consumption of 30W or less, such as routers and surveillance cameras. In terms of operation, a single press turns the unit on, and a double press turns it off, with four different indicator LEDs to distinguish operating status. It comes with a 500mm length DC 5.5 x 2.5 power jack output cable. The device features built-in overcharge, over-discharge, and short-circuit protection mechanisms. By intelligently switching between AC mains power and internal battery power, it ensures continuous operation of the connected equipment during mains power interruptions.



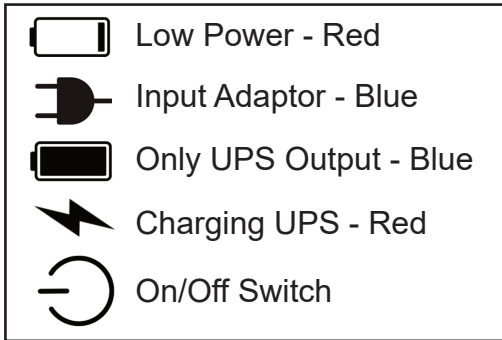
Specification	
Input Voltage Range	12V DC \pm 5%
DC Input Socket	5.5 x 2.1mm power jack socket
DC Input Current	4 Amps
DC Output Voltage Range	12V DC \pm 5%
DC Output Lead	500mm terminated in 5.5 x 2.5mm power jack
DC Output Current	12V DC 2.5A
Max Output Power	30 Watts
Over Current Protection	3.7 Amps
Efficiency	\geq 82%
Battery Cell Type	18650 (3.7V 2600mAh)
Cell Structure	2 in Series 10 in Parallel Total 20 cells
Internal Battery Pack	7.4V 26A (192.4 Wh)
Battery Charging Current	0.75 Amps
Charging Mode	CV-CC
Charging Time from 0-100%	28 hours
Charging Temperature Range	0-45°C
Battery Back Up Period	Over 5 hours at full load output, higher at lower loads.
Operating Temperature Range	0-45°C
Protection	Over charge, Over discharge, Over current and Short circuit
Physical Dimensions	L 155 x W 155 x H 25mm
Weight	810 grams
Case Material	UL94 VO fire proof ABS Plastic
Colour	Black
Storage when not in use	Battery Capacity between 40-60% 30 days -20°C-45°C, 90 days -20°C-35°C Charge UPS every 3-5 months when not in use.

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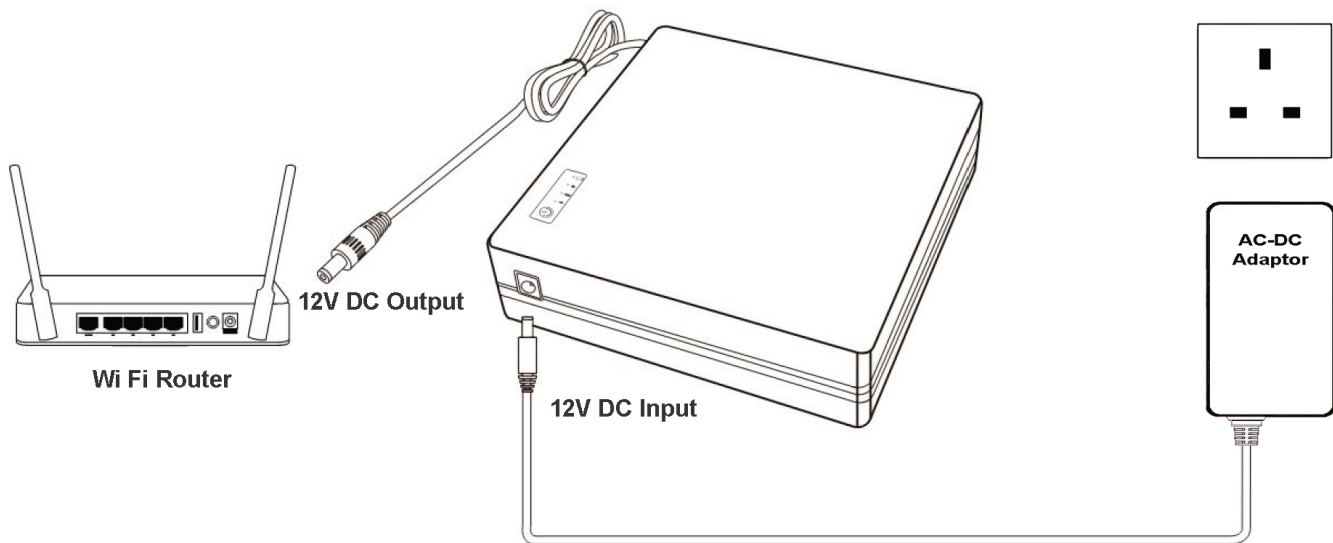
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LED Indicators



Applications

WiFi Routers, VoIP Phone Systems, CCTV Camera's or any equipment powered by an external 12V DC Power Adaptor that needs to work during an AC Power Failure for long periods



Simple to use: Plug adaptor into input socket and product to be battery backed into output socket via the cable provided. Switch on AC-DC Adaptor. PUPS30WDL powers up automatically with or without Adaptor as long as load applied to output socket.

Precautions

- Do not expose to moisture or water
- Do not expose to excessive heat
- Do not connect DC input/output cables wrong way around
- Do not use with wrong type of input AC-DC adaptor. Consult sales office for details
- DC input voltage must match with DC output voltage