APC™ Back-UPS™ Connect

CP12142LI

The APC Back-UPS Connect CP12142LI is an uninterruptible power supply (UPS) that is specially designed to power compatible router/modems and VoIP telephony system for prolonged periods of time during a power outage.

APC by Schneider Electric introduces an internal lithium-ion battery design which allows for a compact and lightweight design, while maintaining an extended runtime for up to 12 hours.

CP12142LI Features

- Power Efficiency
  - Energy efficient design saves you utility costs while reducing heat to promote longer component life

- Compact, Lightweight Design
  - The lightweight and compact design of the Back-UPS Connect CP12142LI allows it to be convenient and discrete in any indoor environment

- Lithium-ion Battery
  - The lithium-ion battery inside your CP12142LI has a significantly longer service life than traditional lead-acid batteries typically used in battery backup solution

- Computer-grade Surge Protection
  - Protects your valuable electronic investments against damaging lightning, surges and spikes

- Battery Capacity LEDs
  - 4 LEDs for simple and fast identification of remaining battery life

- Wall Mounting Sockets
  - Keyhole sockets for convenient wall mounting of the UPS

- Reliably Silence Alarms
  - Alarm settings give you full control over your alarm

8 layers of battery management system (BMS) power protection *

- Over temperature protection
- Overloading protection
- Ultra-low dark current
- Short circuit protection
- Over current protection
- Over voltage protection
- Over charging protection
- Over discharging protection

Ideal solution to support emergency VoIP telephony systems, modems/routers and network devices

Life Is On

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Why staying connected has become increasingly important

Home User

Back-UPS Connect is an ideal solution to power your VoIP and modem/routers during an unexpected power outage to ensure your home internet stays online.

Not only will Back-UPS Connect protect your modem/routers from power surges, but it will provide you peace of mind that during a power disruption you will have battery backup power for your home network devices in case of an emergency and to stay in contact with loved ones.

Back-UPS Connect is easy to install and requires minimal effort to set up with your compatible network devices. Ensure your home internet stays powered during prolonged power outages to keep your laptops, tablets, smartphones and smart devices connected to the internet, with APC Back-UPS Connect.

Business

Back-UPS Connect for small business and home office applications is an optimal solution to avoid downtime during business critical applications.

Business meetings, sensitive data driven tasks, presentations and virtual private networks (VPN) are all susceptible to unexpected network disruption due to a power outage and Back-UPS Connect will be your peace of mind to ensure you stay online when it matters most.

Back-UPS Connect is easy to setup and is an ideal solution for network device battery backup power and surge protection to ensure you stay productive and to keep your business applications online.

12 hours of battery backup power for your network devices

Back-UPS Connect Compatible Modem/Routers	
Company	Model Name/Number
Asus™	RT-ACRH13
AT&T™	5031NV
	5168NV
	NVG589
	NVG599
	5268AC
	BGW210-700
Linksys™	Max-Steam EA750
NetGear™ Nighthawk	R6700-100NAS
	R7000-100PAS
Tp-link™	TL-WR940N
	Archer C1200
	Archer C7
	Archer C9

General Back-UPS Connect Runtimes						
Wattage	5 Watts	10 Watts	13 Watts	18 Watts	20 Watts	30 Watts
Backup Power Runtimes	24+ Hours	12+ Hours	9+ Hours	7+ Hours	6+ Hours	4+ Hours

* Runtimes and energy saving will vary according to device(s), usage and power settings.

* Internal Lithium-ion batteries are not user-replaceable.
** CP12142LI's compatibility is not limited to the listed AT&T™ modem/routers.

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Back-UPS™ Connect

Technical Specifications

Emergency Power for VoIP Telephony and Network Systems during a power outage

Input	
Input voltage range	12V +/- 5%
Maximum input voltage	20V
Input current	3.5A

Output	
Output voltage at on-line	< 0.2
Output voltage at discharge	12V dc +/- 5%
Output current	3.2A

User Interface	
Power button switch	On / off
Power button LED	Green – On (on-line and discharging)
Capacity indicator	4 LEDs (each LED represents 25%)

Battery and Operation	
BMS / Protection	Yes / OVP, OCP (Over-charge), Over-discharge protection, OTP
Recharge time	< 12 hours
Runtime at 30W	4.5 hours
Runtime at 20W	6.6 hours
Runtime at 10W	12.8 hours
Battery replacement	Service only
On-line mode efficiency at 38.4W	95%
Voltage dropping	0.2V

Physical	
Input connector	Barrel – center pin 2.5mm
Output cable length	8 inches – attached
Output connector	Barrel – center pin 2.5mm
Dimensions (H x W x D)	96.0 mm x 96.0 mm x 74.2 mm
Net weight (lbs)	1.65lbs
Color	Black
Output connect cable	Yes
Power adapter	12V power adapter provided by supported router/modem

Miscellaneous	
Agency approvals	ECOC, CE CISPR Class B
Warranty	2-years

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