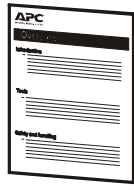
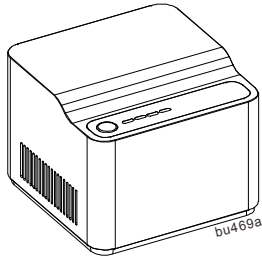


Inventory



User Manual

Safety and General Information

Inspect the package contents upon receipt. Notify the carrier and dealer if there is any damage.

SAVE THESE INSTRUCTIONS - This section contains important instructions that should be followed during installation and maintenance of the UPS and batteries.

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- This UPS is intended for indoor use only.
- Do not operate this UPS in direct sunlight, in contact with fluids, or where there is excessive dust or humidity.
- Use this battery as instructed to avoid electric shock; do not disassemble.
- This battery is not user repairable; contact APC for tech support related issues.
- Do not heat this battery or throw it into a fire.
- Keep this battery away from high temperature, wet, or dusty environments.

Failure to follow these instructions will result in death or serious injury.

⚠ WARNING

RISK OF CHEMICAL HAZARD AND EXCESSIVE HEAT

- Recycle the UPS when the UPS battery fault is detected at the end of its service life. Power off the UPS and unplug it from the AC input.
- The battery is not user replaceable. Contact APC by Schneider Electric Worldwide Customer Support if there are defects in the product and the product is within warranty.

Failure to follow these instructions can result in death or serious injury.

NOTICE

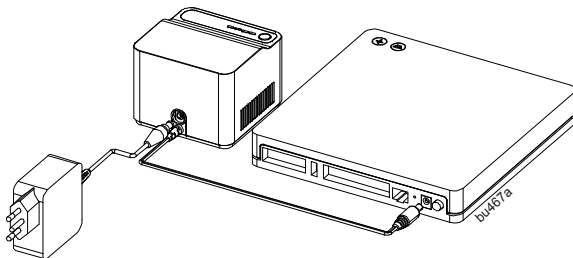
RISK OF EQUIPMENT DAMAGE

- This UPS is designed for low power devices less than 38.4 Watts. When the UPS is on battery, the CP12142LI5 will shut down automatically to protect itself once the load on the UPS is greater than 38.4 Watts.
- Be sure the air vents on the UPS are not blocked. Allow adequate space for proper ventilation.
- The battery typically lasts for three to five years. Environmental factors impact battery life. Elevated ambient temperatures, poor quality DC power, and frequent short duration discharges will shorten battery life.

Failure to follow these instructions can result in equipment damage.

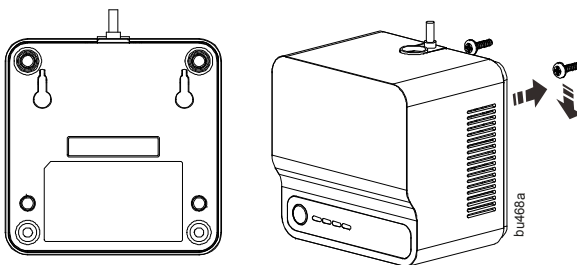
Getting Started

Plug the router power adapter into CP12142LI5, then plug the CP12142LI5 power cable into the router.



Wall Mount Installation

- Use 2 screws with 9/64" (3.5 mm) in thread diameter and not larger than 9/32" (7mm) in head diameter. (Screws are not provided.)
- Orient the UPS to the desired location. Mount screws directly starting with the bottom pair.



Mute Low Battery Alarm

To change the setting make sure the UPS is on. Press and hold the POWER button. Releasing the POWER button after hearing the 3rd short beep will toggle the low battery alarm mute function. See *On Battery Indicator Modes* for more details.

Note: The default setting is Quiet Alarm.

Using the UPS

On AC power, the UPS turns on by plugging the AC adapter of the router to an AC outlet. The POWER button LED will illuminate and produce an audible beep to indicate that the UPS is turning on.

On Battery power, the UPS turns on by pressing the POWER button located in front of the UPS when operating on battery. The POWER button LED will illuminate accompanied by a single short beep to indicate that the UPS is turning on.

Battery Charge and Capacity Information

- Charge battery in the UPS for 24 hours prior to initial use. The battery will charge while the UPS is on and as long as there is DC power to the UPS.
- Do not expect full battery runtime capability during the initial charge period.
- To charge the battery, connect the CP12142LI5 to the AC adapter of the router. The LEDs will flash to indicate the battery capacity.
- UPS runtime information is available on the APC Web site, www.apc.com.

On Battery Indicator Modes

With the UPS turned on, configuring the On Battery Indicator modes below is done by holding down the POWER button and releasing it after the third beep. The number of Battery capacity LEDs lit indicates the mode the UPS is in.

Press the POWER button to cycle through each mode. Once the mode has been selected, wait 5 seconds until the Power button LED flashes again indicating that the mode setting has been configured into the UPS. See the following table for the two available modes.

Mode	Visual Indicator	Audible Indicator
No Alarm 25% Battery capacity solid green	The POWER button is solid green and flashes twice every 2 seconds	No alarm while the UPS is On Battery
Quiet Alarm (default) 50% Battery capacity solid green	until Low Battery notification where it will flash green in rapid succession.	No alarm until Low Battery notification where the alarm beeps twice every 30 seconds

Note: The mode configured at 75% Battery Capacity is reserved and is identical to the 50% Battery default mode behavior.

Power Status Indicators

Indicator	76-100%	51-75%	26-50%	0-25%	<10%
Status	Battery Full	Battery charging	Battery or UPS Fault detected	Battery Low	Battery Self Test
Battery Capacity LEDs	All 4 LEDs illuminate. The LEDs indicate discharge level.	LEDs indicate charge level. Top LED flashes.	All 4 LEDs flash	Bottom LED flashing when capacity is less than 10%	All LEDs flash sequentially

UPS Status Indicators

Event	LED Indication	Audible Indicator
Adapter Input lower than Output	UPS enters into On Battery mode and the Power Button LED flashes green. See <i>Troubleshooting</i> section for more details.	Audible alarm is beeping in rapid succession
Overload or short circuit protection. The UPS will shutdown output power. Overload Detected The UPS will continue providing output power.	On AC power, the Power Button LED is solid green while all battery capacity LEDs are flashing in rapid succession. On Battery power, the Power Button LED and all battery capacity LEDs are completely dimmed. See <i>Troubleshooting</i> section for more details	Constant tone

UPS Specifications

Input	Voltage	12 VDC \pm 5%
	Maximum Current	3.5 A
Output	Voltage	12 VDC \pm 5% (on battery power)
	Current	3.2 A
User Interface	Power button	On / Off
	Power button LED	Green - ON (on battery power)
	Buzzer	Beeper - See <i>UPS Status Indicators</i> for more details.
	Capacity indicator	4 LEDs (25% increment per LED)
Battery / Operation	Protection	OVP, UVP, OTP, UTP
	Recharge time	24 hours (under no load)
Environmental	Operating Temperature	32° F to 113° F (0° C to 45° C)
	Operating Relative Humidity	0 to 95% non-condensing humidity
	Operating Elevation	0 to 10,000 ft (0 to 3000 m)
	Storage Temperature	-4° F to 122° F (-20° C to 50° C)
	Storage Relative Humidity	0 to 95% non-condensing humidity
	Storage Elevation	0 to 50,000 ft (0 to 15000 m)
Physical	Dimensions (L x W x H)	2.9 x 3.8 x 3.8 in (74.2 x 96 x 96 mm)
	- DC Jack (OD/ID):	0.2 x 0.1 in (5.5 x 2.5 mm)
	Net Weight	1.67 lb (760 g)

Troubleshooting

Problem	Possible Cause	Corrective Action
There is an audible alarm with a constant tone but UPS does not show any LED indication	UPS has detected an overload or short circuit condition and has transferred to alarm mode.	<ul style="list-style-type: none"> Remove DC output connector from the DC devices or connected loads. The UPS will automatically restart every 10 seconds. Press and hold the POWER ON/OFF button for one second to restart the UPS.
Battery runtime is low	<ul style="list-style-type: none"> The battery charge level is low and charging is required. The UPS is nearing the end of its service life. 	Contact APC by Schneider Electric.
There is DC output from the UPS and all battery capacity LED indicators flash accompanied by an audible alarm with constant tone.	Overload detected: The equipment connected to the UPS is drawing more power than UPS can provide.	Disconnect or reduce non-essential loads from DC output connector.
There is no DC output from the UPS but only an audible alarm with constant tone	<ul style="list-style-type: none"> The UPS is operating on AC power if the audible alarm is accompanied by Power Button LED in solid green while all battery capacity LEDs flash in rapid succession. If there is no LED indication the UPS is operating On Battery power. 	<ul style="list-style-type: none"> Remove DC output connector from the DC devices or connected loads. The UPS will automatically restart every 10 seconds. Press and hold the POWER ON/OFF button for one second to restart the UPS.
The UPS is operating on battery power, while connected to power adapter.	The AC adapter output voltage is out of range.	Replace the AC adapter with the correct output voltage.
	Adapter Input lower than Output.	Replace the larger AC adapter capacity. or remove the non-essential equipment.
	The AC adapter plug is partially pulled out of the wall outlet, the wall outlet is no longer receiving AC power, or the circuit breaker has been tripped.	Ensure that the AC adapter plug is fully inserted into the wall outlet. Ensure that the wall outlet is receiving AC power by checking it with another device.

Warranty

Schneider Electric IT (SEIT) warrants its products to be free from defects in materials and workmanship for a period of two (2) years from the date of purchase. SEIT obligation under this warranty is limited to repairing or replacing, at its sole discretion, any such defective products. This warranty does not apply to battery wear from use, equipment that has been damaged by accident, negligence or misapplication or has been altered or modified in any way. SEIT standard procedure is to replace the original unit with a factory reconditioned unit. Customers who must have the original unit back due to the assignment of asset tags and set depreciation schedules must declare such a need at first contact with an SEIT Technical Support representative. SEIT will ship the replacement unit once the defective unit has been received by the repair department, or cross ship upon the receipt of a valid credit card number. The customer pays for shipping the unit to SEIT. SEIT pays ground freight transportation costs to ship the replacement unit to the customer. For full warranty information refer to www.apc.com.

Service

If the unit requires service, do not return it to the dealer. Follow these steps:

- Review the *Troubleshooting* section of the manual to eliminate common problems.
- If the problem persists, contact Schneider Electric IT (SEIT) Customer Support through the APC by Schneider Electric Web site, www.apc.com.
 - Note the model number and serial number and the date of purchase. The model and serial numbers are located on the rear panel of the unit and are available through the LCD interface on select models.
 - Call SEIT Customer Support and a technician will attempt to solve the problem over the phone. If this is not possible, the technician will issue a Returned Material Authorization Number (RMA#).
 - If the unit is under warranty, it will be repaired or replaced at no cost.
 - Service procedures and returns may vary internationally. Refer to the APC by Schneider Electric Web site for country specific instructions.
- Pack the unit properly to avoid damage in transit. Never use foam beads for packaging. Damage sustained in transit is not covered under warranty.
- Write the RMA# provided by Customer Support on the outside of the package.
- Return the unit by insured, prepaid carrier to the address provided by Customer Support

APC by Schneider Electric IT Customer Support Worldwide

For country specific customer support, go to the APC by Schneider Electric Web site, www.apc.com.