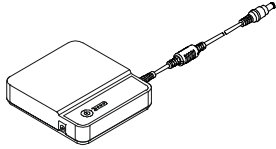




# User Manual Back-UPS™ Connect CP12036LI

by Schneider Electric

## Inventory



Adapter	Color
1.7 to 2.5 mm	Black
2.5 to 1.7 mm	Black
2.1 to 2.5 mm	Yellow
2.5 to 2.1 mm	Yellow

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. Failure to follow these instructions can result in equipment damage.

### **⚠ 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.
- Do not short circuit this UPS. To avoid short circuit, keep the UPS away from any metal objects (e.g., hair clips and keys).
- Use this UPS as instructed to avoid electric shock. Do not disassemble.
- The battery in this UPS is not user replaceable. Contact APC for tech support related issues.
- Do not heat this UPS or throw it into a fire.
- Keep this UPS away from high temperature, wet, or dusty environments.
- During normal usage, keep the UPS out in the open to allow excess heat to dissipate.

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

### **NOTICE**

#### RISK OF EQUIPMENT DAMAGE

- This UPS is designed for low power devices less than 36 Watts. CP12036LI will shut down automatically to protect itself once the load on the UPS is greater than 36 Watts.
- 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.**

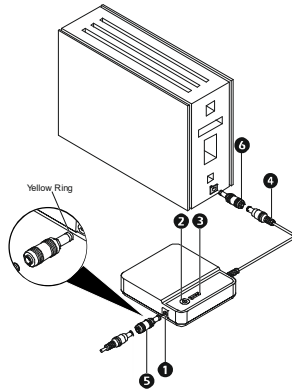
## Getting Started

Select DC tips based on connected device. To change from the original 2.5mm tip size to 2.1mm, use the pair of adaptor tips 5 and 6 provided that are yellow in colour. To change the original 2.5mm tip size to 1.7mm, use the pair of adaptor tips provided that are black in colour.

Connect the existing power adaptor of your 12V networking device to the input port 1 of CP12036LI. Using the attached wire 4 provided with the CP12036LI, connect CP12036LI to your 12V networking device.

CP12036LI will turn on automatically when plugged in using a power adaptor.

To manually switch CP12036LI off and on, press and hold the power button 2 for 2 seconds. Refer to the table below to interpret the LED indicators 3.



## UPS and Power Status Indicators

Status	Power LED	LED Indicators	Description	Troubleshoot
Normal Operation	GREEN	● 25% ● 50% ● 75% ● 100%	Fully Charged	No troubleshooting
Charging Mode	GREEN	☀ ● ○ ○ ○ ● ● ☀ ○	The flashing LED indicates the current battery level as it is charging	No troubleshooting
Battery Mode	FLASHING GREEN	● 25% ● 50% ● 75% ● 100%	Battery level is as indicated	No troubleshooting
Low Battery Alert	FLASHING GREEN	☀ ○ ○ ○	Battery low, UPS will turn off soon	Connect UPS to a power source
Bad Battery	FLASHING RED	☀ ☀ ☀ ☀	Battery is faulty	Call customer service for support if the unit is still under warranty

Status	Power LED	LED Indicator	Description	Troubleshoot
Low Input Power	FLASHING RED AND GREEN	● 25% ● 50% ● 75% ● 100%	Input power is lower than the needed output power. The 4 LED indicators continue to indicate the battery level.	Be sure that the input power adaptor used is compatible with the load. Restart the device after using the appropriate adaptor.
Over Temperature protection	RED	☀ ☀ ○ ○	Temperature is too high	Unplug the connected device until the temperature returns to normal. Please call customer service if this issue persists
Over Voltage Protection	RED	☀ ☀ ☀ ○	Output voltage is too high	Unplug the connected device. CP12036LI can only support loads up to 12V 3A. If the load is within 12V 3A, please call customer service if this issue persists
Overload Protection	RED	☀ ☀ ☀ ☀	Extreme heavy load detected, output current is too high	Unplug the connected device. CP12036LI can only support loads up to 12V 3A. If the load is within 12V 3A, please call customer service if this issue persists

## UPS Specifications

<b>DC Input</b>	Nominal Voltage	12 VDC
<b>DC Output (On-line mode)</b>	Voltage	12 VDC ± 5%
	Maximum power (On-line mode)	36 W with battery fully charged
<b>User Output (On-battery mode)</b>	Output voltage	12 VDC
	Rated output current	3 A
	Capacity indicator	4 LEDs (25% increment per LED)
	Backup time	240 minutes @ 5 W 200 minutes @ 6 W 60 minutes @ 20 W
<b>Battery</b>	Type	Li-ion
	Nominal voltage	11.1 VDC
	Capacity	27.75 Wh
	Typical recharge time	12 hours
<b>Physical</b>	Net weight	300 g
	Dimension in mm (D* W* H)	109 mm x 99 mm x 25 mm
	Input DC Jack	5.5 mm x 2.5 mm Female
	Output cable	80 cm length DC Male Jack, (OD 5.5 mm, ID 2.5 mm)

## 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. For full warranty information refer to [www.apc.com](http://www.apc.com).

## Service

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

- Review the *Status Indicators* 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](http://www.apc.com).
  - Note the model number and serial number and the date of purchase. The model and serial numbers are located at the bottom side of the unit.
  - Call SEIT Customer Support and a technician will attempt to solve the problem over the phone.
  - Service procedures and returns may vary internationally. Refer to the APC by Schneider Electric Web site for country specific instructions.

## 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](http://www.apc.com).