

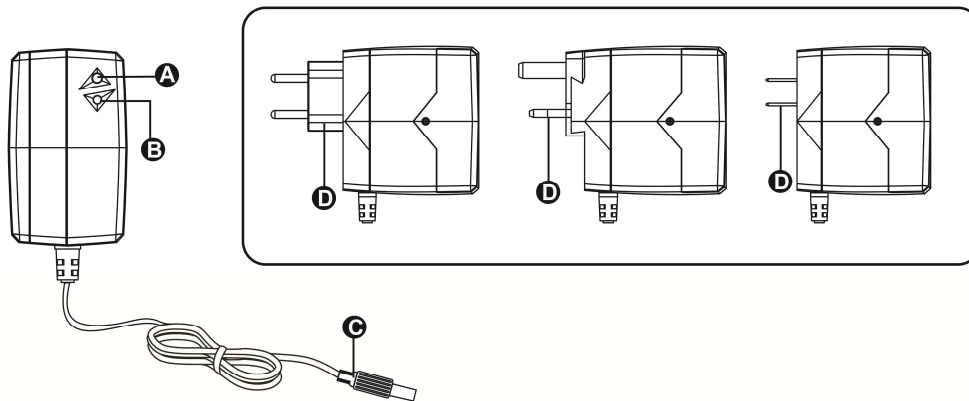
## 1. Package Contents

You should have received the following items inside of package:

- LA-ON-DC UPS adapter unit
- Quick Guide

If anything is missing or damage in the package, please contact your dealer.

## 2. Product Overview



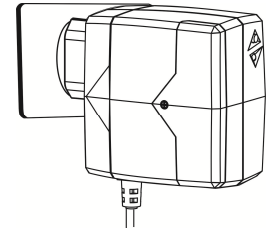
- A Restart/Off Button
- B LED indicator
- C DC output connector
- D AC input

## 3. Installation and Operation

**NOTE:** Before installation, please inspect the unit. Be sure that nothing inside the package is damaged.

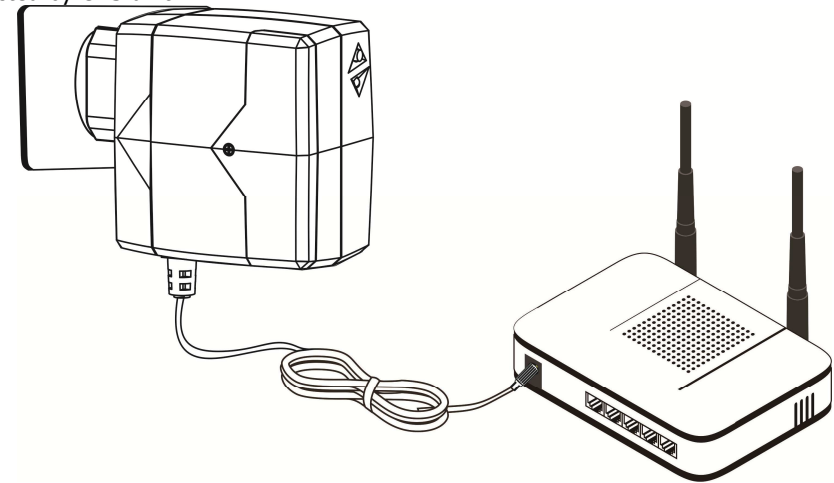
### Connect to Utility and Charging

Plug in the AC input plug (D) to the wall outlet. The UPS will be automatically turned on and green LED will light on. If battery is not fully charged, the UPS will auto charge battery and green LED will flash.



### Connect the Loads

Plug in the loads to DC output connector (C) of the UPS. Then, connected device will be protected by UPS unit.



### On/Off Button Operation

UPS will be automatically on when plugging into wall outlet under normal utility condition. If UPS is in fault mode, pressing button to restart the UPS. If the UPS is operated in battery mode, to avoid battery drain, please press and hold for 5 seconds to shut won the UPS. If the utility is not available and battery is fully charged, you may simply press this button to turn on the UPS.

## LED Indication

This LED is two-color indicator: green or red color depending on operation status.

| Status   | Color | On/Flash     |
|--|-------|--------------|
| Power on with battery fully charged.   | Green | On           |
| Power on with charging battery.  | Green | Steady Flash |
| UPS is on but power failure occurs. UPS will transfer to DC mode and battery is discharging. | Green | Quick Flash  |
| Any fault occurs on UPS.   | Red   | On           |

## 4. Applications

The LA-ON-DC UPS is designed to provide emergency power backup to all kinds of DC-powered equipment such as routers, modems, set-top box, VOIP phone systems, surveillance system, alarm system, access control system and many critical telecom equipment.

## 5. Important Safety Warning (SAVE THESE INSTRUCTIONS)

**To safely operate this LA-ON-DC UPS, please read and follow all instructions carefully. Read this manual thoroughly before attempting to unpack, install, or operate. You may keep this quick guide for further reference.**

**CAUTION!** Do NOT place this unit under the hot and humid environment.

**CAUTION!** Do NOT disassemble this product.

**CAUTION!** If the battery level is low, please recharge battery immediately.

**CAUTION!** When install or replace a new battery, be sure positive (+) and negative (-) are correctly connected. Otherwise, DC UPS will be damaged.

**CAUTION!** Replace the Lithium-ion battery with the same type as stated in specifications.

## 6. Trouble Shooting

Use the table below to solve minor problems.

| Problem  | Possible Cause   | Solutions  |
|--|--|--|
| Red LED is on.                                     | Overload or short circuit occurs on UPS and UPS transfers to fault mode. | Press button for more than 1 second and release to restart unit. |
| Battery backup time is shorter than nominal value. | Battery is far too low.  | Contact your dealer to replace the special battery.              |
| No output and LED indicator is not on.             | Internal fault has occurred.   | Contact your dealer.   |

## 7. Specifications

| AC INPUT                  |  |
|---------------------------|--|
| Voltage Range             | 90 VAC ~ 264 VAC                             |
| Frequency                 | 50 or 60 Hz                                  |
| DC OUTPUT                 |  |
| Voltage                   | 12VDC $\pm$ 5%                               |
| Max. Power                | 25W (2.1A)                                   |
| BATTERY                   |  |
| Type                      | Lithium-ion Battery                          |
| Nominal Voltage           | 3.7VDC                                       |
| Capacity                  | 2600mAh                                      |
| Typical Charging time     | 3 hours recover to 90% capacity              |
| PHYSICAL                  |  |
| Input Plug                | Mounted on the housing (NEMA/Schuko/UK)      |
| Output cable              | 1m Length (DC Male Jack, OD 5.5mm, ID 2.1mm) |
| Dimension, D X W X H (mm) | 68 x 42 x 74                                 |
| Net Weight                | 280g   |

## 8. Approximate Back-up Time Table

| Load            | Backup Time @ 12Vdc (min) |
|-----------------|---------------------------|
| 12V/1.0A Router | 150                       |
| 12V/1.5A Router | 120                       |
| 12V/2.0A Router | 90                        |