# POWER Inspired

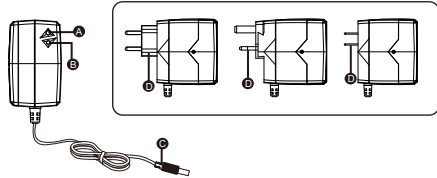## iPower-H DC UPS Quick Guide

V1.0

### 1. Package Contents
You should have received the following items inside of package:
- iPower DC UPS adapter unit
- Quick Guide
  A DC adapter jack set may also be provided as an optional accessory.

### 2. Product Overview

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

Power Inspired Ltd, Unit 122, Churchill Road, Bicester, OX26 4XD, UK
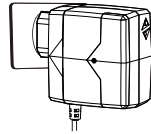www.powerinspired.com
UK CA CE

### 3. Installation and Operation
**NOTE:** Before installation, please inspect the unit. Be sure that nothing inside the package is damaged. If a battery insulator tab is fitted, remove this first.
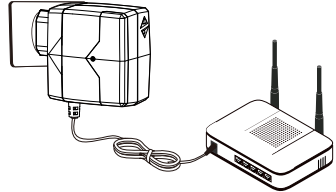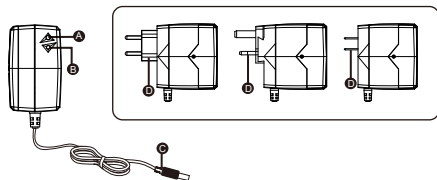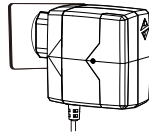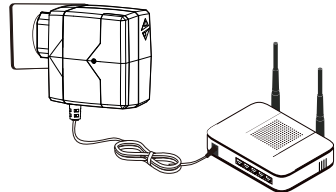
**Connect to Utility and Charging**
Plug in the AC input plug Ⓓ to the wall outlet. The UPS will be automatically turned on and green LED will light on. If battery is not fully charged, the UPS will auto charge the battery and the green LED will flash.

**Connect the Loads**
Plug the DC output connector Ⓒ of the iPower into the load. The connected device is now protected by the iPower.

**On/Off Button Operation**
The iPower will automatically turn on when plugging into wall outlet under normal utility condition. If the iPower is in fault mode, pressing button Ⓐ for over 1 sec will reset it. If the iPower is operating in battery mode, to avoid battery drain, press and hold for 5 seconds to shut down. If the utility is not available and battery is fully charged, you may simply press this button for 5 seconds to turn on the iPower.

### LED Indication
The LED is a two-colour indicator: green or red depending on operation status.

| Status | Colour | On/Flash |
|---|---|---|
| Power on with battery fully charged. | Green | On |
| Power on with charging battery. | Green | Steady Flash |
| iPower on battery and discharging. | Green | Quick Flash |
| A fault on the iPower. | Red | On |
| UPS has detected that the battery is not connected, while the utility power is available. | Red | Steady Flash |

### 4. Applications
The iPower 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 telecoms equipment.

### 5. Important Safety Warning (SAVE THESE INSTRUCTIONS)
**To safely operate this unit, please read and follow all instructions carefully. Read this manual thoroughly before attempting to unpack, install, or operate. You should keep this quick guide for further reference.**

**CAUTION!** Do NOT place this unit in a hot and humid environment.
**CAUTION!** Do NOT disassemble this product.
**CAUTION!** If the battery level is low, please recharge the battery immediately.
**NOTE!** Warranty is voided if battery compartment is opened.

### 6. Troubleshooting

| Problem | Possible Cause | Solutions |
|---|---|---|
| Red LED is ON | Battery insulator tab | Remove Battery insulator tab |
| | Overload or short circuit occurred and iPower transferred to fault mode. | Remove excess load. Press button Ⓐ for more than 1 second and release to restart unit. |
| Battery backup time is shorter than nominal value. | Battery near end of life | Contact your dealer. |
| No output and LED indicator is not on. | Internal fault has occurred. | Contact your dealer. |
| Red LED is flashing. | UPS has detected that battery is not connected or battery voltage is too low or battery is defective. | Remove the Battery insulator tab from battery if it is not removed. If red LED flashes even after Battery insulator tab is removed, contact dealer to replace the battery. |

### 7. Specifications

| AC INPUT | |
|---|---|
| Voltage Range | 90VAC ~ 264VAC |
| Frequency | 50 or 60Hz |
| **DC OUTPUT** | |
| Voltage | 12Vdc ± 5% |
| Max Power | 25W (2.1A) |
| Continuous Power | 12W (1A) |
| **BATTERY** | |
| Type | Lithium-ion |
| Nominal Voltage | 3.6VDC |
| Capacity | 3350mAh |
| Typical Charging Time | 3.6 hours to 90% Capacity |
| **PHYSICAL** | |
| Input Plug | Mounted on housing (NEMA / Schuko/UK) |
| Output Cable | 2m – DC Male Jack (OD 5.5mm ID 2.1mm) |
| Dimension DxWxH (mm) | 68x42x74 |
| Net Weight | 280g |
| Surge Protection | K.21 Enhanced 6KV |