



## **COMMANDO LightningPOWER AC/DC Adapter Data Sheet**

## Contents

Product Overview  
Product Highlights  
Features and Benefits  
Software  
Hardware  
Specifications  
Support and  
WarrantyOrdering  
Information  
Document History

## Product Overview

COMMANDO LightningPOWER Adapter is compact indoor power adaptor which provides 12V DC with @ 1, 1.5A, 2.5A, 5A. It has capability to protect from over voltage, over current, over heat, short circuit and overload. It comes in black robust plastic casing and ideal for use with IP Phone, Access Points, IP Print Servers, Surveillance Cameras, Smart Door System, CCTV Cameras, Routers, Modems, Cordless Phones, Set-Top Boxes, Wireless Devices, POS Machines, LED, SMD, LED strip, RGB LED strip etc.

It can be deployed in harsh environments, robust to deliver uninterrupted, hassle free power to mission-critical devices. It is plug and play adapter which provides stabilized output, low ripple & low interference with low energy consumption. It comes with adapter cable length - 1.2 meters. (4feet). It Works with all device that matches the power rating and DC socket size.

## Product Highlights

- DC 12V with 1, 1.5, 2.5 and 5 Amp options available
- Stabilized Output, low ripple & low interference
- Low energy consumption, High Efficiency, Incredibly Low Fault Rates, No Minimum Load required
- Compact Size & Light Weight, Adapter cable length - 1.2 meters. (4 feet)
- Short-circuit, over-load, over-current, over-voltage and over heat Protection
- Works with all device that matches the power rating and DC socket size
- Ideal for use with IP Phone, Access Points, IP Print Servers, Surveillance Cameras, Smart Door System, CCTV Cameras, Routers, Modems, Cordless Phones, Set-Top Boxes, Wireless Devices, POS Machines, LED, SMD, LED strip, RGB LED strip e.t.c Regulated Centre Positive Power Supply
- Compact Design, High Safety with robust design
- Quick and Easy Installation (Plug-and-play installation)
- Comes with One Year warranty

## Features and Benefits

### Easy to Use

Easy installation, Plug-and-play installation with no configuration required. Works with all device that matches the power rating and DC socket size.

### Protection from failure

It comes Short-circuit protection, Over-load protection, Over-current protection, Over-voltage protection, and over heat Protection and provides stabilized output with low ripple & low interference.

### Dust proof Enclosure

It has dust proof enclosure protects the against harsh outdoor conditions with no Ingress of dust. It can withstand harsh environments, robust with incredibly Low Fault Rates to deliver hassle free power.

### Green Technology

It has low energy consumption, high Efficiency, no minimum Load required also complies with RoHS, prohibiting the use of certain hazardous materials. Besides, most of the packaging material can be recycled and reused.

# Hardware

## Physical Ports

- 1 \* Power Connector with power Input AC 100~ 240V, 50~ 60Hz
- 1 \* DC 12V @ 1A, 1.5A, 2.5A and 5A output

## Environmental Specifications

- Operating Temperature:-10° C to 50 ° C
- Storage Temperature:-20 ° C to 60 ° C
- Operating Humidity: 10% to 95%
- Storage Humidity: 10% to 95%

## Extra Long Operational life

- High Quality enclosure to withstand Harsh Outdoor Climates with dust proof ensuring it can withstand harsh outdoor and indoor environments.
- Support temperature range -10° C to 50 ° C

# Specifications

It has protection against over heat, short-circuit, over-load, over-current, over-voltage with Universal Input power 100 to 240VAC.

Table 1. Specifications

| Specification                  | Description              |
|--------------------------------|--------------------------|
| AC Input Power                 | 100-240V AC, 50-60Hz     |
| Output Voltage                 | 12V                      |
| Output Power                   | 12W-60W                  |
| AC input Power Adjusting range | 90-264VAC, 47-63Hz       |
| Efficiency                     | 90%                      |
|                                | Over Heat Protection     |
|                                | Short-circuit Protection |
|                                | Over-load Protection     |
|                                | Over-current Protection  |
|                                | Over-voltage protection  |
| Operating temperature          | -10 to 50°C              |
| Operating humidity             | 10 to 95% non-condensing |

Table 2. Model Comparison

| Product Code      | Series | Max power              |
|-------------------|--------|------------------------|
| CMD-ADPT-12V-1.5A | A30    | Max Power 12VDC @ 1.5A |
| CMD-ADPT-12V-1A   | A15    | Max Power 12VDC @ 1A   |
| CMD-ADPT-12V-2.5A | A30    | Max Power 12VDC @ 2.5A |
| CMD-ADPT-12V-5A   | A60    | Max Power 12VDC @ 5A   |

### Included in the bundle/box

All COMMANDO LightningPOWER Adapter are made available for use globally along with accessories in the bundle to facilitate for enhance operations.

The switch box comes included with the following accessories:

- 1x COMMANDO LightningPOWER Adapter

## Support and Warranty

COMMANDO LightningPOWER Adapter come with One-year replacement warranty and lifetimesupport.

- Same-day assistance.
- Comprehensive 24-hour support using common communication/chat platforms, Email andTelephone.
- Provide FAQs and troubleshooting help online (self-service) through cloud-based solutions.
- Highly technical and trained representatives to resolve issues.
- The AC/DC Adapter come with one-year warranty

COMMANDO WarrantyX Program available on: [www.commandonetworks.com/warranty](http://www.commandonetworks.com/warranty)

Table 4. Support and Warranty

| Warranty and Support |                                                                                                                                                                                                                                                                                                                      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Products covered     | COMMANDO LightningPOWER AC/DC Adapters                                                                                                                                                                                                                                                                               |
| Warranty duration    | One Year RTB (Return To Base) replacement warranty.                                                                                                                                                                                                                                                                  |
| Hardware replacement | COMMANDO, its resellers or its service center will use commercially reasonable efforts to replace the product subject to stock availability. Otherwise, a replacement will be arranged within15 working days after receipt of the Return Materials Authorization(RMA) request.                                       |
| End-of-life policy   | In case of discontinuation of the product, support is limited to 3 years from announcement date.                                                                                                                                                                                                                     |
| Effective date       | Hardware warranty commences from the date of shipment to customer (and in case of resale by a COMMANDO reseller, not more than 90 days after original shipment by COMMANDO).                                                                                                                                         |
| Support duration     | Lifetime support.                                                                                                                                                                                                                                                                                                    |
| COMMANDO Care        | COMMANDO will provide 24x7 support for basic configuration, diagnosis, and troubleshooting of device-level problems for up toone year from the date of shipment of the originally purchased product. This support does not include solution or network-level support beyond the specific device under consideration. |

|                      |                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Online Portal Access | Warranty allows guest access to <a href="https://commandonetworks.com">commandonetworks.com</a> for all available technical queries. |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------|

## Ordering Information

Table 5 lists ordering information for the COMMANDO LightningPOWER Adapter To place an order, please contact your local reseller/distributor or COMMANDO Sales Representative at [www.commandonetworks.com/catalog](http://www.commandonetworks.com/catalog)

Table 6. Ordering Information

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| CMD-ADPT-12V-1A   | COMMANDO LightningPOWER A15 Series, MaxPower 12VDC @ 1A , Adapter  |
| CMD-ADPT-12V-1.5A | COMMANDO LightningPOWER A30 Series, MaxPower 12VDC @ 1.5A, Adapter |
| CMD-ADPT-12V-2.5A | COMMANDO LightningPOWER A30 Series, MaxPower 12VDC @ 2.5A, Adapter |
| CMD-ADPT-12V-5A   | COMMANDO LightningPOWER A60 Series, MaxPower 12VDC @ 5A, Adapter   |

# Document History

| Release   | New or Revision | Described in  | Date            |
|-----------|-----------------|---------------|-----------------|
| Release 1 | First Release   | First Release | January 4, 2021 |