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INDUSTRIAL PRODUCT DATASHEET

# Power Adapter, 12V/2A/24W, American Standard Plug, DC Output, 1.5m

The Power Adapter, 12V/2A/24W, American Standard Plug, DC Output, 1.5m, offers stable power, 86.2% efficiency, 50,000-hour lifetime, and compact design for personal electronics, home appliances, office, and industrial equipment.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 110061505 | 2026-07-30 08:39:06 | $7.00(Excl. VAT) |



# Overview



The Power Adapter, 12V/2A/24W, American Standard Plug, DC Output, 1.5m, delivers stable power supply with high energy efficiency (86.2% average conversion efficiency) and a long lifetime of at least 50,000 hours. Its compact form makes it ideal for powering personal electronic devices, home appliances, office equipment, and industrial equipment.

# Key Features

- **Stable Power Supply:** Maintains a consistent output voltage within a specified range, even when the input voltage fluctuates or there are variations in the load.
- **Long Lifetime:** Used for a minimum of 50,000 hours.
- **High Energy Efficiency:** The average conversion efficiency reaches 86.2%.
- **Compact Form:** The compact size makes it incredibly small and portable.

# Product Gallery









## Specification

| Categories | Item | Min | Max |
|---|---|---|---|
| Input Characteristics | Input Voltage and Frequency | | |
| | Rated Input voltage | 100V | 240V |
| | Reliable Input voltage | 90V | 264V |
| | Rated Input Frequency | 50Hz | 60Hz |
| | Reliable Input Frequency | 47Hz | 63Hz |
| | Steady AC Current(at 100~240Vac input) | | 0.65A |
| | Inrush Current(at AC 240V input, with cold staring) | | 60A |
| | Standby(at 115 or 230Vac input) | | 0.1W |
| | Full load Efficiency(at 115Vac or 230Vac input voltage, 100% load) | 83% | |
| | Average Efficiency(at 115Vac or 230Vac input voltage) | 86.20% | |
| DC plug | 5.5*2.1*10±0.3mm ,inside “+”,outside “-” | | |
| Output Characteristics | Rated Output Voltage(No load) | 11.4V | 12.6V |

| | | |
|---|---|---|
| Rated Output Voltage(Full load) | 11.4V | 12.6V |
| Rated Output Current: | 2A | |
| Rated Power | 24W | |

| Categories | Item | Description |
|---|---|---|
| Mechanical Requirement | Weight | 117g±10g |
| | Input plug type | Wall-mounted type. US-pin. 2 Conductors, <Live. Neutral> |
| Environmental Performances | Operating Temperature | 0℃ to +40℃ |
| | Relative Humidity | 10%RH to 90%RH |
| Safety and EMC Approval | | UL FCC |

# Applications

- **Personal Electronic Device**
- **Home Appliances**
- **Office Equipment**
- **Industrial Equipment**

## Part List

| | |
|---|---|
| Power Adapter 12V 2A - US | x1 |

## Compliance & Logistics

| | |
|---|---|
| HSCODE | 8504401400 |
| USHSCODE | 8504406001 |
| UPC | |
| EUHSCODE | 8504400000 |
| COO | CHINA |

# Resource Links

- https://www.seeedstudio.com/Power-Adapter-12V-2A-US-p-5731.html

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