SDaPo®



Power over Ethernet

Suitable for:
Wireless AP, IP Cameras etc.

# 48V to 24V PoE Converter


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# PS5724TG-RJ PoE Converter

100/1000/2500Mbps, IEEE802.3af/at Standard, 48V to 24V PoE Converter with RJ45





## Overview

This device lets you use any 48V PoE source (including Passive PoE, Telecom PoE, 802.3af and 802.3at) to power Passive 24V BOARD devices.

Simply plug any 48V PoE powered Ethernet cable into one port, and any 8-30V capable Passive 24V BOARD device into the other.

This device is capable to provide high power output - up to 24W (up to 1A at 24V).

You can power it with virtually any 42-57V PoE solutions available on market today (Passive, Telecom, 802.3af and 802.3at PoE plus supported).

Note: In case if 803.3af compliant PSE is used, total output power should not exceed 12.95w (limited by the 803.3af standard)

## Features

- IEEE802.3af/at compliant
- Supports 10/100/1000/2500M data transmission
- PD support 44-57V Voltage transmission. Automatically detects power supply from PSE power supply module
- Output 24V1A by RJ45 connector
- Support the isolation circuit protection, can effectively protect electrical equipment
- Support the short circuit, overvoltage protection
- Plug and play, portable, stable power supply and network connection
- Industrial-Grade Temperature Resistance
- CE FCC RoHS REACH UKCA TSCA PROP65 compliant

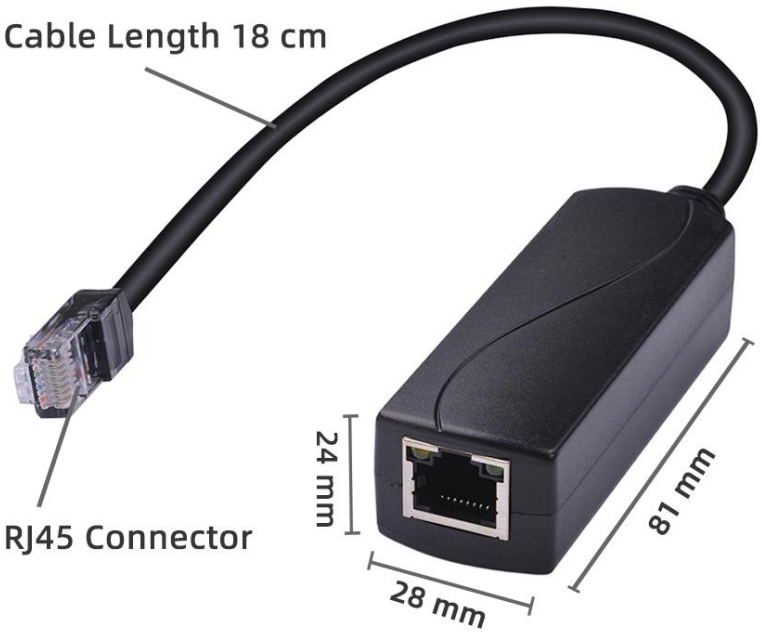
## Technical Parameters

| | |
|---|---|
| Model | PS5724TG-RJ |
| Transfer Rate | 10/100/1000/2500M Date transmission |
| Power | Input 52V DC /0.6A, Output 24V/1A |
| Standard | IEEE 802.3 I, IEEE 802.3 u, IEEE 802.3 x, IEEE 802.3 af/at |
| Indicator Light | Yellow Output Power Indicator ; Green Power Class 4 Light |
| Interface Type | 1 Input RJ45 port,1/2(+),3/6(-);4/5(+),7/8(-)<br>1 output RJ45 port, 4/5(+),7/8(-) |
| Environment | Work within -40~85°,Storage within -40~85°<br>Work within 10%~90% Non-condensing, Storage within 5%~95% Non-condensing |
| Dimensions(mm) | 81x28x24mm |
| Net Weight(g) | 50g |

## Main Parameters

| No. | Parameters | Symbol | Min | Typical Values | Max | Unit |
|---|---|---|---|---|---|---|
| 1 | Input Voltage | Vin | 44 | 52 | 57 | V |
| 2 | Output Voltage | +VDC | 23.5 | 24 | 24.5 | V |
| 3 | Output Current | PWR | | 1 | | A |
| 4 | Isolation Voltage | ISO | | | 1.5 | KV |
| 5 | Storage Temperature | Tstg | -40 | 25 | 85 | ℃ |
| 6 | Operating Temperature | Ta | -40 | 25 | 85 | ℃ |

## Mechanical Characteristics






## Related Products

| Model | DC Output | Transfer Rate | PoE Protocol | Interface Type |
|---|---|---|---|---|
| PS5724TG-RJ | 12V1A | 10/100Mbps | IEEE802.3af/at | RJ45 Connector |
| PS5724AT-RJ | 12V1A | 10/100/1000/2500Mbps | IEEE802.3af/at | RJ45 Connector |

## PS5724TG-RJ Appearance Images




## PS5724AT-RJ Appearance Images

