



24W, 12V Wall Mount Adapter



Features

- DOE Level VI Efficiency Compliant
- Class B EMI
- Non-vented/Spill-proof Case

Applications

- Networking
- Consumer Electronics
- Peripherals

Safety Compliance

- UL62368-1

Mechanical Characteristics

- Length: 72mm (2.83in)
- Height: 69mm (2.72in)
- Width: 34mm (1.34in)
- Weight: 170g (6oz)

Output Specifications

Model	Output Voltage	Max Current	Output Power	Regulation	Ripple & Noise ¹ p-p(max)
PPL24A-120	12V	2A	24W	± 5 %	120mV

Notes:

1. 20MHz bandwidth frequency oscilloscope, add a 0.1μF multilayer Cap. and Low ESR Electrolytic Cap. (10μF) at output connector terminals (nominal line voltage, full load)

Input:**AC Input Voltage**

100 to 240VAC

AC Input Frequency

50 to 60Hz

Input Current

0.58A max.

Leakage Current

<0.25mA

Inrush Current50A max/100VAC; 60A max, 230VAC
(Cold Start at 25°C, full load)**Input Power Saving**

≤0.1W at 115VAC & 230VAC, no load

OUTPUT:**Efficiency²**

DOE Level VI

Over-Voltage Protection

22V max

Short-Circuit Protection

Auto-recover after short-circuit fault being removed

Over-Current Protection

5A max

ENVIRONMENTAL**Temperature**

Operating 0°C to + 40°C

Non-operating -20°C to +80°C

Operating Humidity 20°C to 80%

Emissions

Complies with FCC Class B

CAN ICES-003(B)/NMB-003(B)

Dielectric Withstand (Hi-Pot) TestPrimary to Secondary: 3000VAC for 1 min,
10mA**Insulation Resistance**

Primary to Secondary: 10M ohm for 500 VDC

DC Cable Length

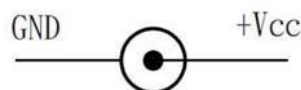
1500MM

DC Cable Type

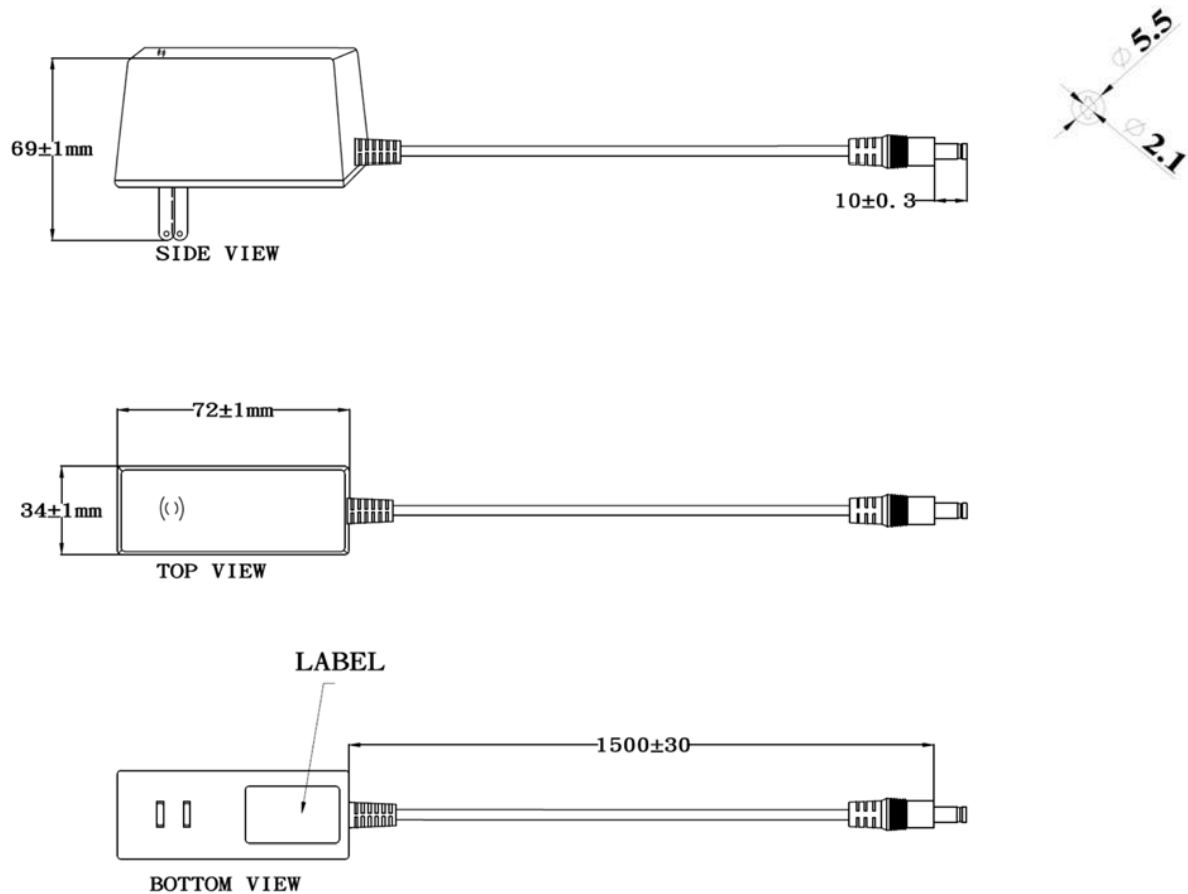
22AWG

DC Output Connector

2.1mm x 5.5mm x 10mm

DC Plug pin assignment**Notes:**

1. The characteristics defined are at ambient temperature of 25°C unless otherwise specified
2. Efficiency is measured after 30 minutes burn-in



**Supplier's Declaration of Conformity 47
CFR § 2.1077 Compliance Information**

PPL24A-120

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NOTE: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Mouser Electronics

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