

TreuPoz U-Series

TP-601X-U Series Passive PoE Adapter

U-Series PoE Power Injector

TP-601X-U Series are a single port solutions for remote powering of current as well as emerging high power applications. It is designed specifically to power IEEE 802.11n and IEEE 802.3at access points, pan-tilt-zoom (PTZ) and dome cameras, IP videophones, thin clients and other high power Ethernet end terminals with 60W of power, and is also backward compatible and safe to use with any IEEE 802.3af terminal such as wireless LAN access points.

The TP-601X-U Series can power both existing 10/100 Base-T devices and emerging wireless Gigabit devices such as Wi-MAX and wireless IEEE 802.11n access points



Features:

- Continuous flow of power with no detection
- Lowest Cost Ultra PoE
- Very Low leakage
- Full Protection OCP, OVP
- Non-Vented Case
- Level VI Efficiency
- 2 or 3 Wire Options
- Optional Gigabit Base-T Data Rate
- 1 Year Warranty

Applications:

- Satellite Receivers
- Security Camera
- Wireless Network and WiMax Access Points
- LCD Displays
- Kiosks

Dimension:

- Length: 136mm (4.6in)
- Height: 36 mm (1.42in)
- Width: 65mm (2.56in)
- Weight: 0.4Kg (0.9lbs)

Safety Approvals:

cUL/UL
CE

Model Comparisons:

Model	Output Voltage	Output Current	Input Connector	Gigabit
TP-601H-UP56	56V	1.1	3 Wire C14	No
TP-601H-UPG56	56V	1.1	3 Wire C14	Yes
TP-601L-UP56	56V	1.1	2 Wire C8	No
TP-601L-UPG56	56V	1.1	2 Wire C8	Yes



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Technical Data:

INPUT:

AC Input

Voltage Range 90 to 264VAC
Frequency 47-63Hz
Voltage Rating 100 to 240VAC

Input Current

2.0A (RMS) maximum for 90VAC
1.2A (RMS) maximum for 240VAC

Leakage Current:

0.25mA maximum for 264VAC, 50Hz (H Models)
0.25mA maximum for 264VAC, 50Hz (L models)

Inrush Current:

30A maximum for 115VAC
60A maximum for 230VAC
(at cold start, 25°C)

OUTPUT:

Total Output Power

60W

Ripple and Regulation

250mVp-p

DC Offset

No data degradation with DC imbalance 18mA

Efficiency

DOE Level VI

Hold-up Time

10mS min. 120 VAC at maximum load

ENVIRONMENTAL:

Temperature

Operation 0 to +40°C
Non-operation -25 to +65°C

Humidity

Operation 5 to 90%
Non-Operation 5 to 90%

EMC

FCC Part 15 Class A
EN55022 Class A

Isolation Test

Primary to Secondary: 4242VDC for 1 minute, 10mA Pri-
mary to F.G.: 2121VDC for 1 minute, 10mA Secondary to
F.G.: 2121VDC for 1 minute, 10mA

Immunity EN50082-1

ESD:	EN61000-4-2.	Level 3
RS:	EN61000-4-3.	Level 2
EFT:	EN61000-4-4.	Level 2
Surge:	EN61000-4-5.	Level 3
CS:	EN61000-4-6.	Level 2
Voltage Dips:	EN61000-4-11	
Harmonic:	EN61000-3-2	Class A

Insulation Resistance

Primary to Secondary: >10M OHM 500VDC
Primary to Field Ground: >10M OHM 500VDC

FEATURES:

Over Voltage/Current, Short Circuit Protection

No Outputs equipped with short circuit protection and over-
load protection.

The output can be shorted permanently without damage

Over Voltage/Current, Short Circuit Protection

Outputs equipped with short circuit protection and overload
protection as per 802.3af specifications

The output can be shorted permanently without damage

Input Connector

IEC320 C14 for H Models
IEC320 C8 for L Models

Output Connection

4-pair powering for Gigabit models
Pins 3,6, 4,5(+) Pins 1,2, 7,8 (-)

2-pair powering for non-gigabit models
Pins 4,5(+) Pins 7,8 (-)

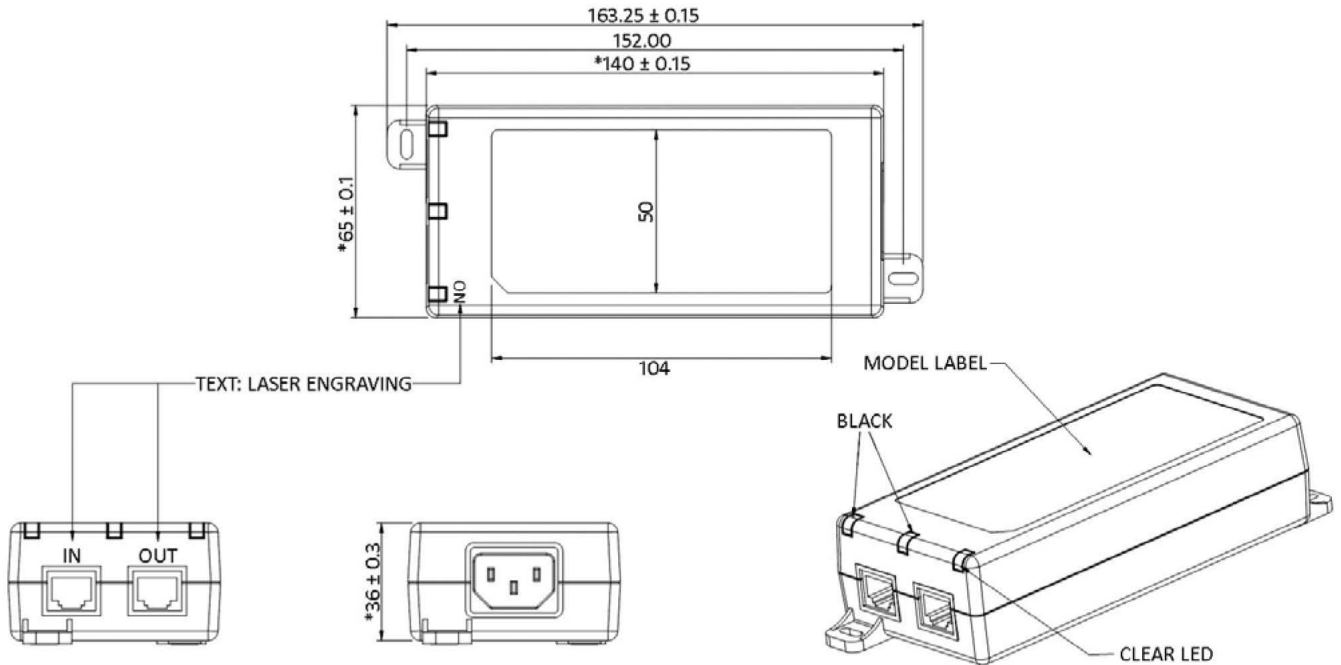
Warranty

1 year



Product Dimension:

TP-601H Series with 3 Wire Input



TP-601L Series with 2 Wire Input

