

POS24150A-H series

24V / 1.5A Wall mounted type AC/DC adaptor



■ Features:

- Universal AC input / Full range
- ErP step II / CEC level VI compliance
- No load power consumption $P < 0.075W$
- Protections: Overload / Short circuit / Over Voltage



ELECTRICAL SPECIFICATION

MODEL	POS 24150A-H
-------	--------------

OUTPUT

Rated Voltage	24V
Rated Current	1.5A
Current Range	0 ÷ 1.5A
Rated Power	36W
Line Regulation	± 1%
Load Regulation	± 5%
Tolerance [3]	± 8%
Ripple & Noise (max.) [2]	200mV _{p-p}
Setup, Rise Time [4]	5000 ms, 30ms / 230VAC at full load
Hold up Time (typ.)	4ms / 230VAC at full load

INPUT

Voltage Range	90 ÷ 264VAC
Frequency Range	47 ÷ 63Hz
Efficiency (typ.)	>87,40% (10% load efficiency >78,30%)
AC Current (typ.)	0.9A / 230VAC
No load Power Consumption (max.)	0.1W

PROTECTIONS

Overload	Range: 105-200% Auto-recovery.
Short Circuit	Type: hiccup mode, auto-recovery.
Over Voltage	Type: auto-recovery.

POS24150A-H series

24V / 1.5A Wall mounted type AC/DC adaptor

WORKING ENVIRONMENT

Working Temperature	0°C ÷ 40°C
Working Humidity	5 ÷ 90% RH non-condensing
Storage Temperature and Humidity	-20°C ÷ 85°C, 5 ÷ 90% RH non-condensing

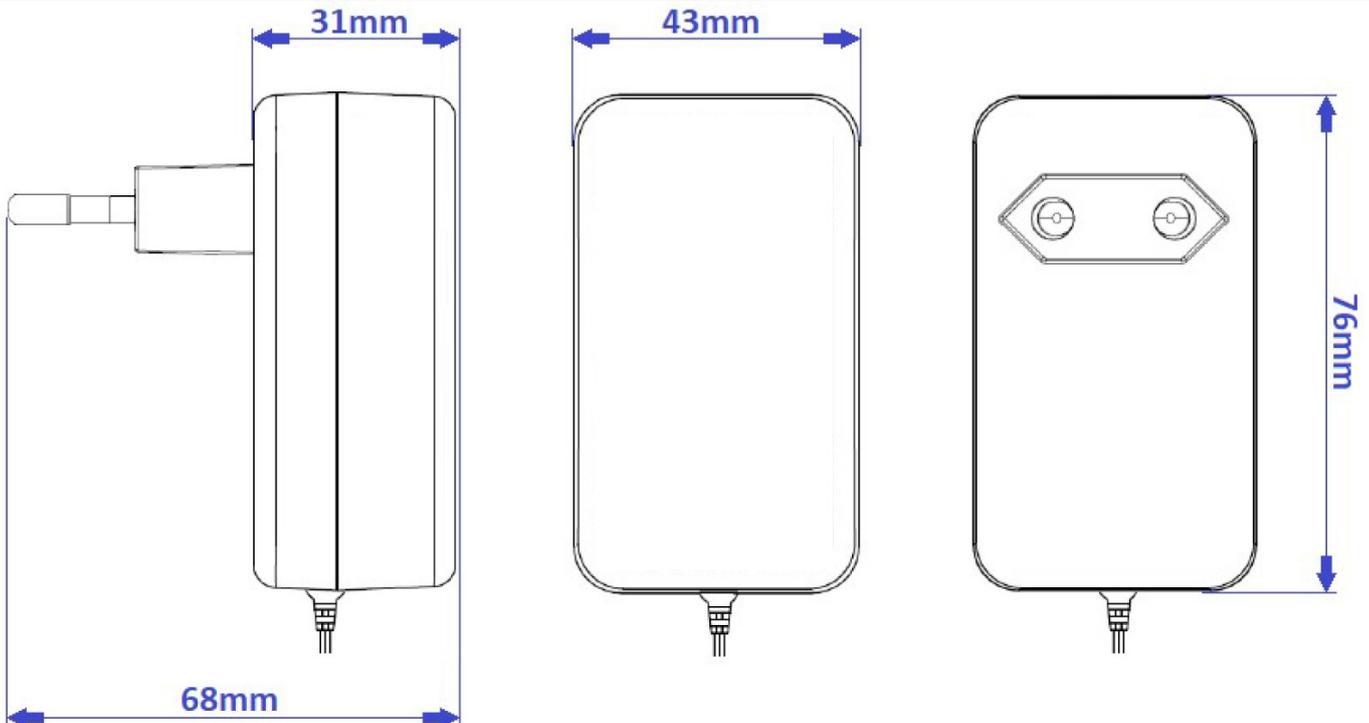
SAFETY and EMC REGULATIONS

Safety Standards	Compliance to EN 62368
Withstand Voltage	IN/OUT: 3.6kVAC
Isolation Resistance	IN/OUT: 50MΩ/500VDC/25°C/70%
EMC Emission	Compliance to EN55032
EMC Immunity	Compliance to EN61000-4-2, -3, -4, -5
Harmonic Current	Compliance to EN61000-3-3; EN61000-3-2

OTHERS

DC wire and plug	Wire: 20AWG*2C, length = 1500mm	Plug: 2.1/5.5, positive inside
Net Weight / Dimensions	125.5g / 76.0 x 43.0 x 49.0mm (L x W x H)	

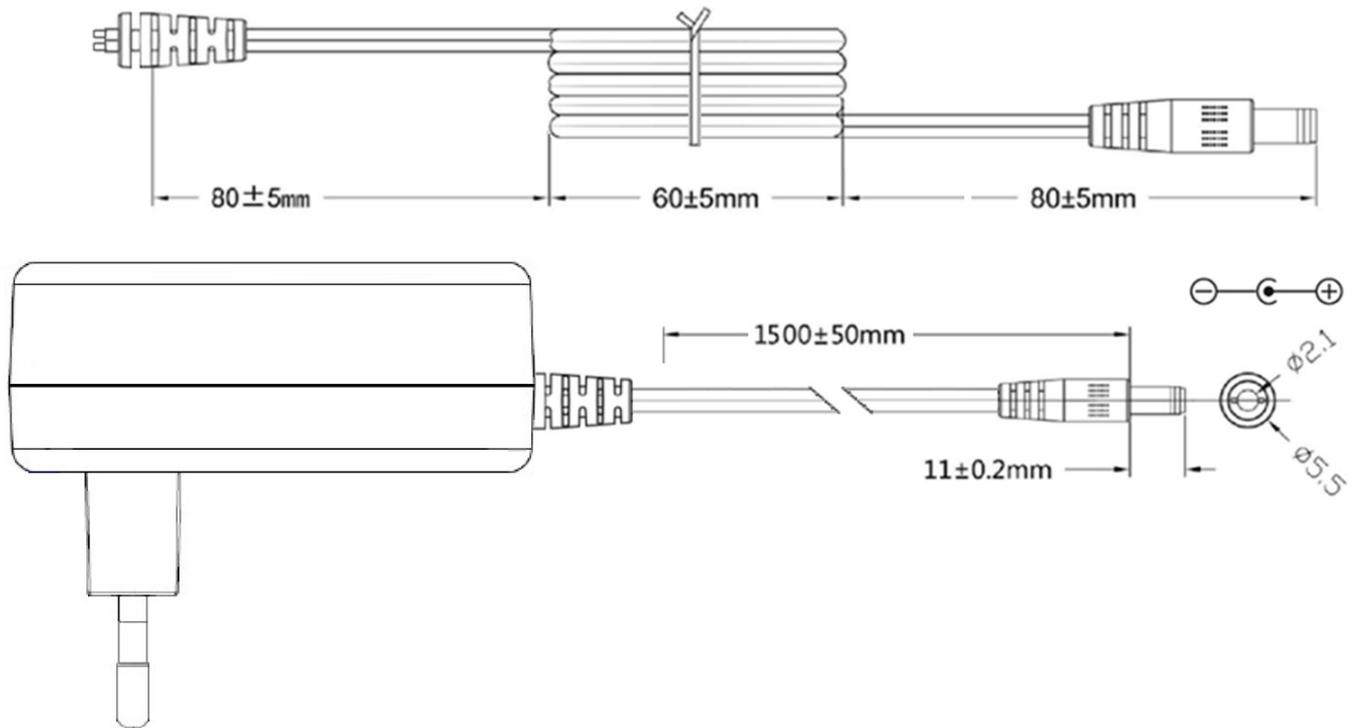
MECHANICAL SPECIFICATION



POS24150A-H series

24V / 1.5A Wall mounted type AC/DC adaptor

MECHANICAL SPECIFICATION: DC wire and plug



MODEL	DC PLUG	X [mm]	Y [mm]	Polarity
POS24150A-H	5.5x2.1mm	5.5	2.1	center positive
POS24150A-H-2555	5.5x2.5mm	5.5	2.5	center positive
POS24150A-H-1335	3.5x1.3mm	3.5	1.3	center positive
POS24150A-H-1740	4.0x1.7mm	4.0	1.7	center positive
POS24150A-H-1748	4.8x1.7mm	4.8	1.7	center positive
POS24150A-H-CN	5.5x2.1mm	5.5	2.1	center negative
POS24150A-H-2555-CN	5.5x2.5mm	5.5	2.5	center negative
POS24150A-H-1335-CN	3.5x1.3mm	3.5	1.3	center negative
POS24150A-H-1740-CN	4.0x1.7mm	4.0	1.7	center negative
POS24150A-H-1748-CN	4.8x1.7mm	4.8	1.7	center negative

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.

2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µF i 47µF parallel capacitor.

3. Tolerance includes set up tolerance, line regulation and load regulation.

4. Setup and rise time is measured from 0 to 90% rated output voltage.

5. Power supply is considered as component not indented to apply by end-user. Power supply meets safety and EMC standards however the final equipment with power supply must be re-quality to comply with EMC Directives.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Wall Mount AC Adapters](#) category:

Click to view products by [POS](#) manufacturer:

Other Similar products are found below :

[ADP-163 E](#) [ADP-159 A](#) [WSU075-1000-R13](#) [WSU120-2000-13](#) [WSU090-2500-13](#) [WSU240-1000-13](#) [WSU150-0560-13](#) [WSU240-0500-R13](#)
[WSU050-3000-13](#) [WSU120-1500-13](#) [WSU150-1200-13](#) [WSU120-1500-R13](#) [WSU240-0750-13](#) [WSU240-1500-13](#) [WSU090-1300-13](#)
[WSU050-1500-13](#) [WSU090-0800-13](#) [WSU120-0700-13](#) [WSU120-3000-13](#) [WSU090-1300-R13](#) [WSU050-4000-13](#) [AC PLUG-AU3](#) [AC](#)
[PLUG-MIX3](#) [223-00011](#) [223-00012](#) [BB-SMI6B12V-P230C1](#) [POSC05200A-0723-WH](#) [POSC05200A-1335-WH](#) [POSC05200A-1740](#)
[POSC05200A-CN-WH](#) [POSC12100A-0723](#) [POSC12100A-1335-WH](#) [POSC12125A-WH](#) [POSC12200A-H-1335](#) [POS05200A-WH-USB-C](#)
[POSC06100A-1335-WH](#) [POSC06100A-1335L-WH](#) [POSC09100A-0723](#) [POSC09100A-1335](#) [POSC09100A-CNL](#) [POSC12125A-CN](#) [BB-](#)
[SMI6B-12-V-ST](#) [POSC24100A-WH](#) [POSC24100A-H-2555-WH](#) [65556](#) [65408](#) [POSC24100A-2555-WH](#) [POSB05200A-WH](#) [65404](#) [50765](#)