

# POSC12150A-H series

12V / 1.5A Wall mounted type AC/DC adaptor



## ■ Features:

- Universal AC input / Full range
- ErP step II / CEC level VI compliance
- MTBF >100.000 h

- Protections: Overload / Short circuit / Over Voltage



## ELECTRICAL SPECIFICATION

MODEL	POSC12150A-H
-------	--------------

## OUTPUT

Rated Voltage	12V
Rated Current	1.5A
Current Range	0 ÷ 1.5A
Rated Power	18W
Line Regulation	± 5%
Load Regulation	± 5%
Tolerance [3]	± 10%
Ripple & Noise (max.) [2]	200mV <sub>p-p</sub>
Rise Time [4]	100ms / 230VAC at 10% to 90% load
Hold up Time (typ.)	3ms / 230VAC at full load

## INPUT

Voltage Range	90 ÷ 264VAC
Frequency Range	47 ÷ 63Hz
Efficiency (typ.)	85.00% - Input115/230Vac / Average (25%+50%+75%+100%) /4
AC Current (typ.)	0.6A / 230VAC
No load Power Consumption (max.)	<0.10W

## PROTECTIONS

Overload	1.8A-3A Auto-recovery.
Short Circuit	Type: hiccup mode, auto-recovery.
Over Voltage	Type: auto-recovery.

# POSC12150A-H series

12V / 1.5A Wall mounted type AC/DC adaptor



## WORKING ENVIRONMENT

<b>Working Temperature</b>	-5°C ÷ 40°C
<b>Working Humidity</b>	5 ÷ 95% RH non-condensing
<b>Storage Temperature and Humidity</b>	-40°C ÷ 85°C, 5 ÷ 90% RH non-condensing

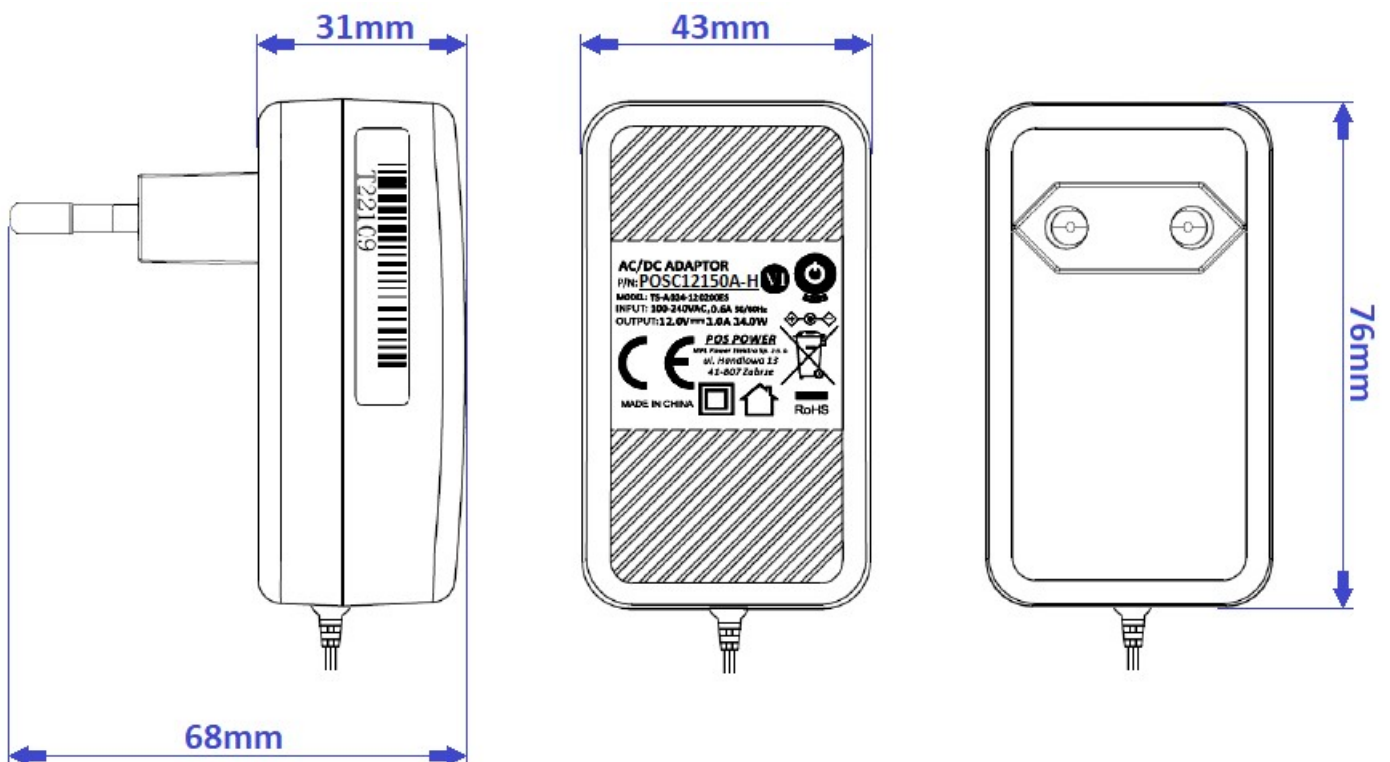
## SAFETY and EMC REGULATIONS

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

## OTHERS

<b>DC wire and plug</b>	Wire: 22AWG*2C, length = 1500mm	Plug: 2.1/5.5mm center positive
<b>Net Weight / Dimensions</b>	99g / 69.4x 30.0 x 64.1mm (L x W x H)	

## MECHANICAL SPECIFICATION

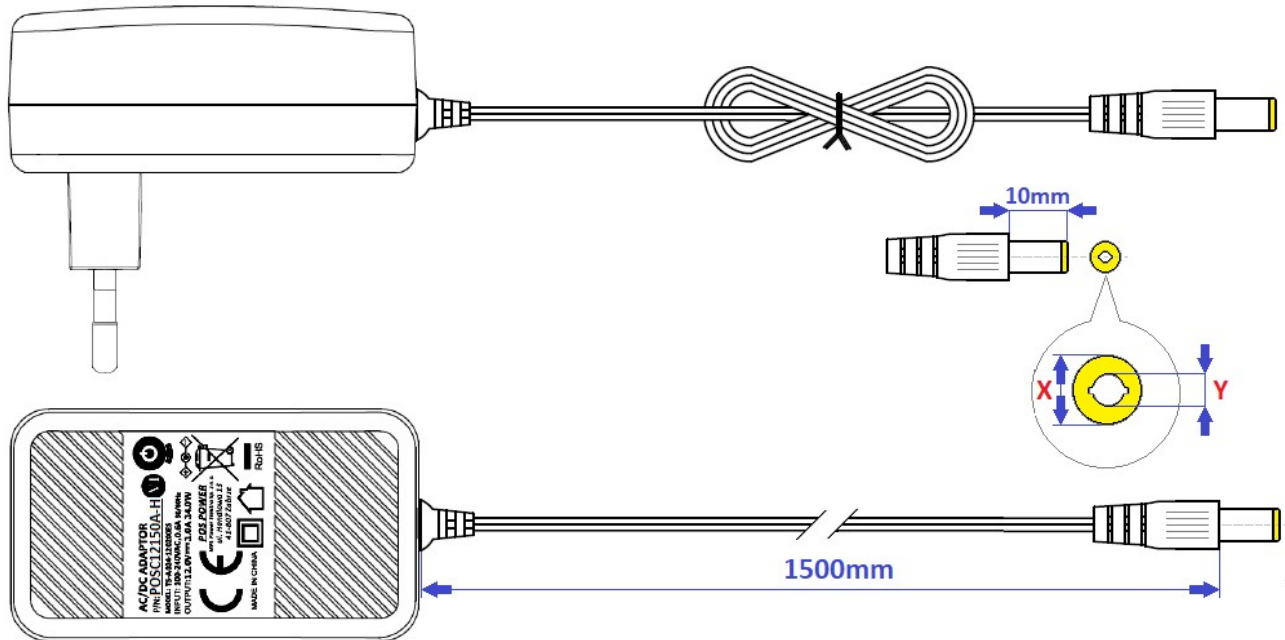


# POSC12150A-H series

12V / 1.5A Wall mounted type AC/DC adaptor



## MECHANICAL SPECIFICATION: DC wire and plug



MODEL	DC PLUG	X [mm]	Y [mm]	Polarity
<b>POSC12150A-H</b>	<b>5.5x2.1mm</b>	<b>5.5</b>	<b>2.1</b>	<b>center positive</b>
POSC12150A-H-2555	5.5x2.5mm	5.5	2.5	center positive
POSC12150A-H-1335	3.5x1.3mm	3.5	1.3	center positive
POSC12150A-H-1740	4.0x1.7mm	4.0	1.7	center positive
POSC12150A-H-1748	4.8x1.7mm	4.8	1.7	center positive
POSC12150A-H-CN	5.5x2.1mm	5.5	2.1	center negative
POSC12150A-H-2555-CN	5.5x2.5mm	5.5	2.5	center negative
POSC12150A-H-1335-CN	3.5x1.3mm	3.5	1.3	center negative
POSC12150A-H-1740-CN	4.0x1.7mm	4.0	1.7	center negative
POSC12150A-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-167 J](#) [ADP-159 A](#) [PSAC05A-050L6](#) [DA10-050US](#) [WSU075-1000-R13](#) [WSU120-2000-R13](#) [WSU180-1330-13](#) [WSU120-2000-13](#) [WSU150-0800-13](#) [WSU075-3200-13](#) [WSU090-2500-13](#) [WSU050-2000-R13](#) [WSU240-1000-13](#) [WSU150-0560-13](#) [WSU240-0500-R13](#) [WSU075-1500-13](#) [WSU050-3000-13](#) [WSU120-1500-13](#) [WSU120-1500-R13](#) [WSU240-0750-13](#) [WSU090-2500-R13](#) [WSU240-1500-13](#) [WSU180-0660-13](#) [WSU090-1300-13](#) [WSU050-1500-13](#) [WSU090-0800-13](#) [WSU120-0700-13](#) [WSU045-3000-13](#) [WSU120-3000-13](#) [WSU090-1300-R13](#) [WSU075-1000-13](#) [WSU060-1250-R13](#) [WSU060-1250-13](#) [WSU050-4000-13](#) [WSU045-1500-R13](#) [PSAC05A-050L6M](#) [AC PLUG-AU3](#) [AC PLUG-MIX3](#) [TRE-A](#) [223-00011](#) [223-00012](#) [AA20R-480A-R](#) [223-00010](#) [KT1001US](#) [BB-SMI6B12V-P230C1](#) [FPBAG1-H](#) [KT1001EU](#) [POSC05200A-0723-WH](#) [POSC05200A-1335-WH](#)