

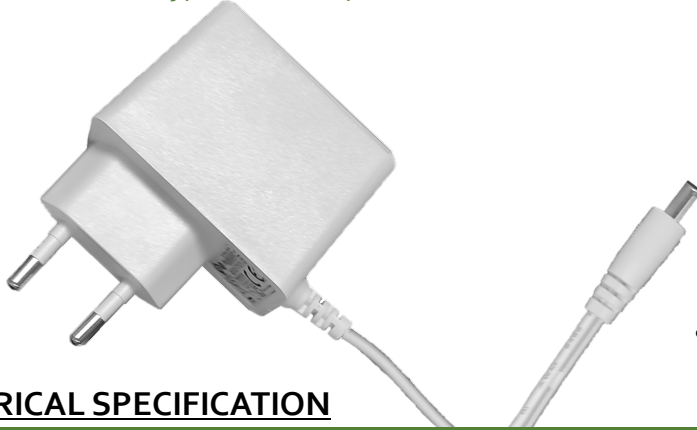
# POSC06100A-WH series

6V / 1A 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	POSC06100A-WH
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### OUTPUT

Rated Voltage	6V
Rated Current	1A
Current Range	0 ÷ 1A
Rated Power	6W
Line Regulation	± 5%
Load Regulation	± 5%
Tolerance [3]	± 8%
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.)	74.88% - Input115/230Vac / Average (25%+50%+75%+100%) /4
AC Current (typ.)	0.2A / 230VAC
No load Power Consumption (max.)	<0.10W

### PROTECTIONS

Overload	1.1A-1.8A Auto-recovery.
Short Circuit	Type: hiccup mode, auto-recovery.
Over Voltage	Type: auto-recovery.

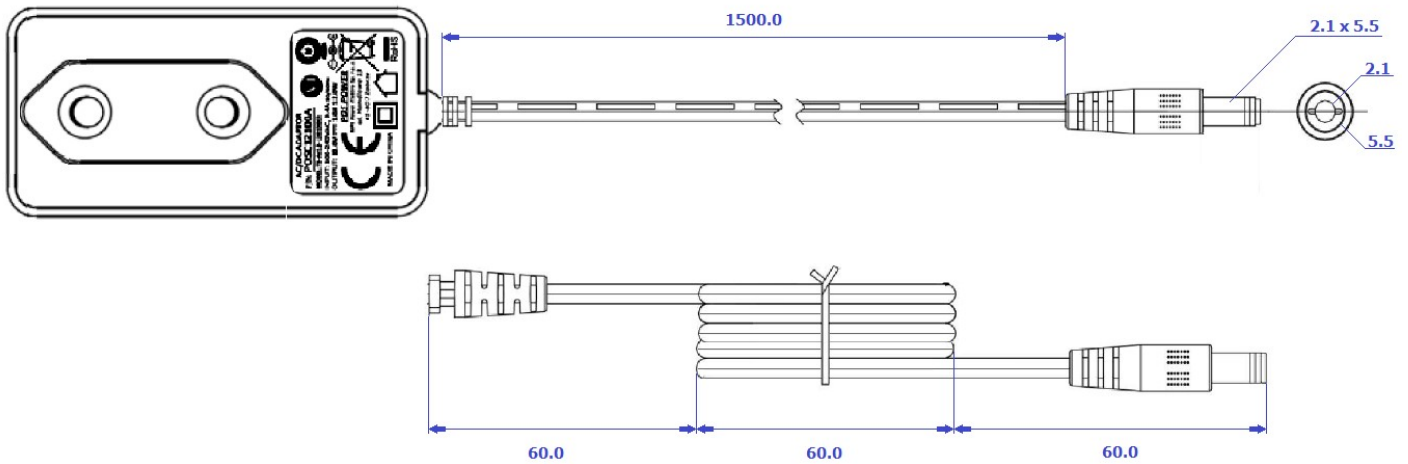


# POSC06100A-WH series

6V / 1A Wall mounted type AC/DC adaptor



## MECHANICAL SPECIFICATION: DC wire and plug



MODEL	DC PLUG	X [mm}	Y [mm]	Polarity
POSC06100A-WH	5.5x2.1mm	5.5	2.1	center positive
POSC06100A-2555-WH	5.5x2.5mm	5.5	2.5	center positive
POSC06100A-1335-WH	3.5x1.3mm	3.5	1.3	center positive
POSC06100A-1740-WH	4.0x1.7mm	4.0	1.7	center positive
POSC06100A-1748-WH	4.8x1.7mm	4.8	1.7	center positive
POSC06100A-CN-WH	5.5x2.1mm	5.5	2.1	center negative
POSC06100A-2555-CN-WH	5.5x2.5mm	5.5	2.5	center negative
POSC06100A-1335-CN-WH	3.5x1.3mm	3.5	1.3	center negative
POSC06100A-1740-CN-WH	4.0x1.7mm	4.0	1.7	center negative
POSC06100A-1748-CN-WH	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 intended 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.

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