15 Watt Fixed Wall Plug Series
Adapter Meets Level VI Requirements

Features

- Limited Power Source (LPS)
- Class B EMI
- Level VI Compliant
- Class II Double Insulated
- High Efficiency
- Low Cost

Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

Safety Approvals

- cUL/UL

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 50mm (1.97in)
- Height: 33.2mm (1.31in)
- Weight: 145g (5.12oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSC15A-050-R	5V	0A	3.0A	100mV	±5%
PSC15A-060-R	5.9V	0A	2.5A	100mV	±5%
PSC15A-075-R	7.5V	0A	2.0A	100mV	±5%
PSC15A-090-R	9V	0A	1.67A	120mV	±5%
PSA15A-120P6-R	12V	0A	1.25A	100mV	±5%
PSA15A-150P6-R	15V	0A	1.0A	100mV	±5%
PSA15A-240P6-R	24V	0A	0.65A	200mV	±5%
PSA15A-480P6-R	48V	0A	0.31A	400mV	±5%

(1) Measured after 30 minutes with by-pass capacitors o.1uF/10uF at output connector terminal and oscilloscope set at 20Mhz.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

PSX15A Characteristics WWW.PHIHONG.COM

Input:

AC Input Voltage Rating
100 to 240V AC

AC Input Voltage Range
90 to 264V AC

AC Input Frequency
47 to 63Hz

Input Current
0.5A (RMS) maximum at 120V AC
0.25A (RMS) maximum at 240V AC

Leakage Current
0.25mA maximum at all line conditions

Inrush Current
<40A for 120V AC at maximum load
<60A for 240V AC at maximum load
(Cold start at ambient 25°C)

Input Power Saving
0.1W maximum at no load

Output:

Efficiency
US DOE Level VI

Environmental:

Temperature

Operation	0 to +40°C
Non-operation	-40 to +85°C
Humidity	20 to 90%

Emissions
Complies with FCC Class B
Complies with EN55032 Class B

Immunit
IEC610004-2
IEC610004-3
IEC610004-4
IEC610004-5
IEC610004-6
IEC61000-4-8
IEC61000-4-11
EN61000-3-2

Hold-up Time
8mS minimum at 120V AC and maximum load

Over-Voltage Protection
Zener clamping if voltage exceeds 120% of limit

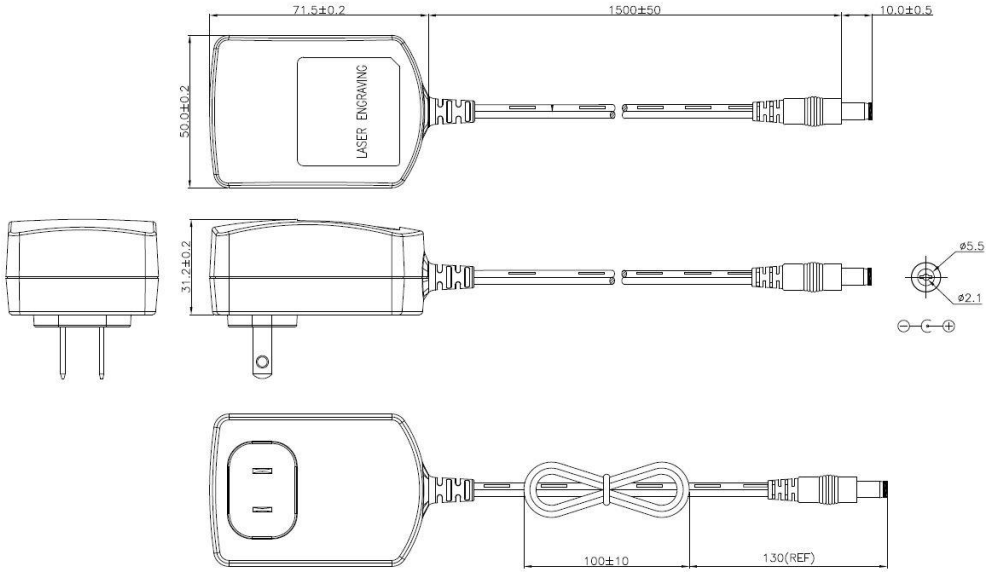
Over-Current Protection
Output equipped with short circuit protection – auto-restart

Short-Circuit Protection
Output can be shorted without damage

Dielectric Withstand (Hi-pot) Test
Primary to Secondary: 3000V AC for 1 min., 10mA

DC Output Connector
2.1 x 5.5mm Center Positive Barrel

Dimension Diagram Unit: mm



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

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www.phihong.com

The models in this product series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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