



# 5W Cable Type Interchangeable Clip Adapter

PSAC05R-050L6-R

● 5V/1A ● 10 types of AC clip ● DoE 6, CoC V5 Tier 2



Phihong R-Series power adapter with interchangeable clips is the best choice for users to travel lightly and easily. This R-type adapter with cable has 10 types of clips, including UK, EU, USA, Brazil, China, Korea, India, Australia, Argentina, and two wire input to meet your travel needs. Featuring universal input from 90V to 264V, it has 5V output voltage and 5W power. To achieve energy saving goal, it meets DoE Level VI energy efficiency requirements and compliant with or approved by UL/cUL, CE, TUV, FCC Class B, and EN55022.

## Features :

Efficiency	DoE Level VI and CoC V5 tier 2
No Load Input Power	$\leq 75\text{mW}$ @ 115/230Vac
Protection	OVP, OCP, SCP, OTP
Isolation	3000Vac, Primary to secondary, 10mA, 1 min
Insulation Resistance	$7\text{M}\Omega$ min @ 500Vdc, Primary to secondary
OCP	1.2A (RMS)
SCP	Auto recovery
OVP	7.2Vdc
Average Efficiency	73.77% min
Efficiency @ 10% load	64.59% min
Dimension (mm)	71.7 x 45 x 29.8; cable length: 1.5m
Weight	120g
AC Clips	US, UK, EU, Australia, China, Korea, Argentina, Brazil, India & two wire input

## Electrical Specifications :

Input Voltage	100~240Vac (90~264Vac min/max)
Frequency	50/60Hz Nom (47~63Hz min/max)
Input Current	0.3A (RMS) max @ 115Vac; 0.15A (RMS) max @ 230Vac
Output Voltage Range	$5\text{V} \pm 5\%$
Max Output Current	1.0A
Current tolerance	$1.1\text{A} \pm 100\text{mA}$ @ 4.75V~2V
Maximum Output Power	5W
Output Ripple & Noise	200mVpk-pk @ max load
Earth Leakage Current	5uA max. 240VAC, 50Hz
AC Inrush Current	30A @ 240Vac at 25°C, cold start

## Environmental Specifications :

Operating Temperature	0°C ~ +40°C
Storage Temperature	-40°C ~ +85°C
Humidity, Operation	90% RH
Humidity, Storage	95% RH
MTBF (MIL-HDBK-217F)	50,000 hours min.

## Safety and Compliance :

Safety Certifications	UL, TUV, NOM, CB, CE
EMI requirements	FCC Class B, EN55022 Class B, AS / NZS 3548
Immunity (Criteria Class B)	
ESD	EN50082-1: EN 61000-4-2, Level 4 Air Discharge $\pm 15\text{KV}$ ; Contact $\pm 8\text{KV}$
Surge	EN 61000-4-5, Level 3, 1kV
Burn in	40°C full load



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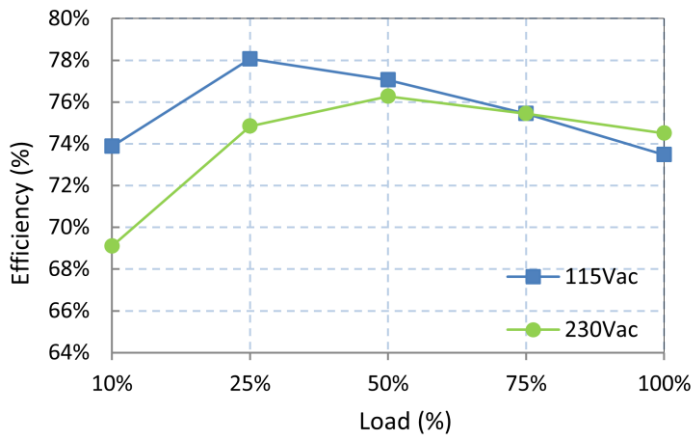
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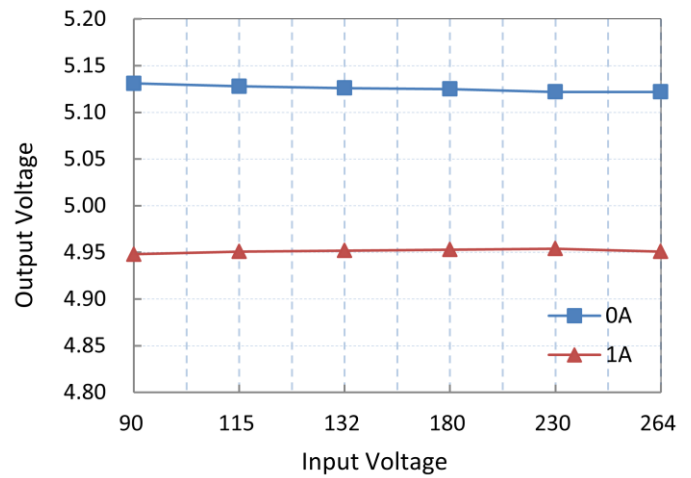
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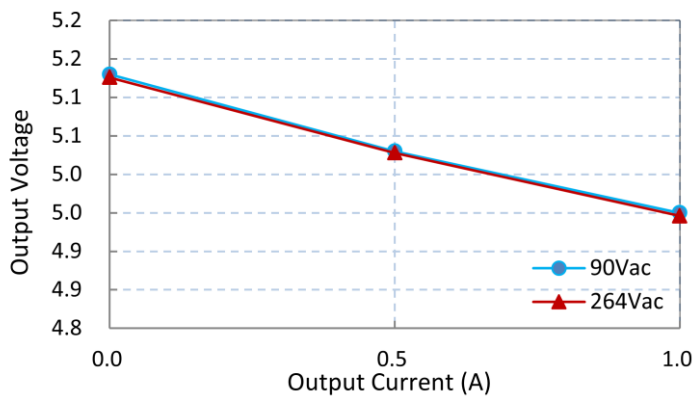
## Efficiency



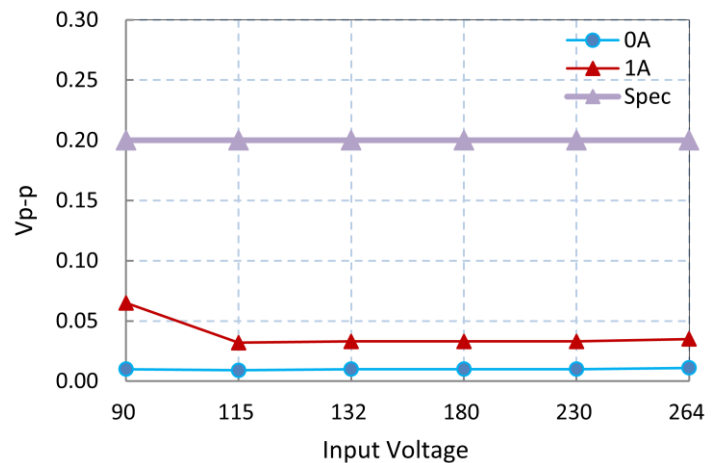
## Line Regulation



## Load Regulation



## Noise & Ripple



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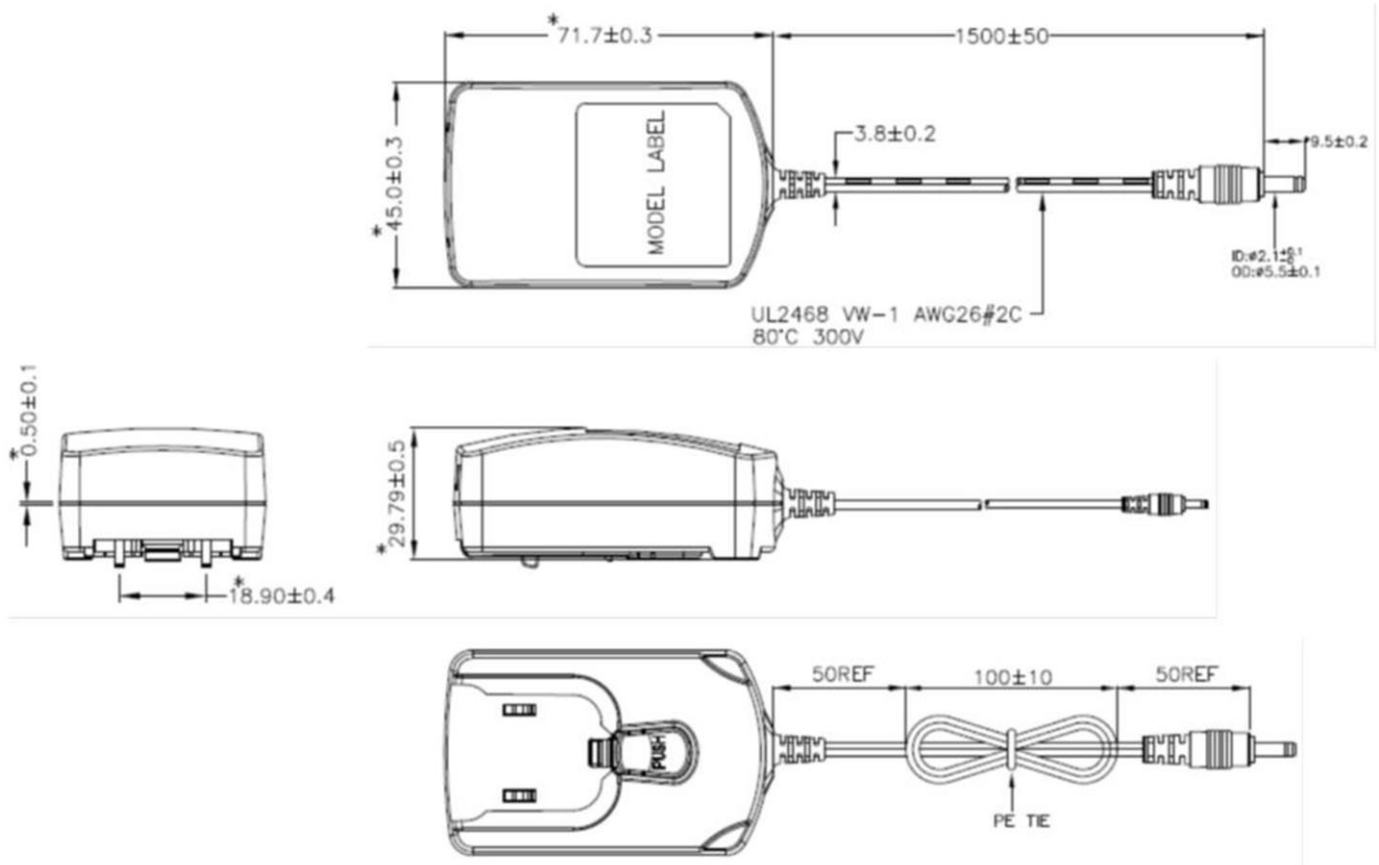
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**Dimensions:** mm



## Model Selections

Model Number	Plug Type	Case Color	Output Current (A ±5%)	Output Voltage (Vdc)	Max. Output Power (W)
PSAC05R-050L6-R	Interchangeable	Black	1	5	5

This model has US, UK, EU, Australia, China, Korea, Argentina, Brazil, India & two wire input AC clips.

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