



20W Cable Type Interchangeable Clip Adapter

PSAA20R-480L6-R

● 48V/0.42A ● 10 types of AC clip ● DoE 6 & CoC V5 Tier 2



Phihong R-Series power adapter with inter-changeable AC clips is the best choice for users to travel lightly and easily. This R-type adapter with wire has 10 types of AC 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 48V output voltage and 20W output power. The PSAA20R-480L6 meets DoE Level VI and CoC V5 Tier 2 energy efficiency requirements and compliant with or approved by CE, UL, CB, RCM, FCC Class B, and EN55022 Class B.

Features :

Efficiency	DoE Level VI & CoC V5 Tier 2
No Load Input Power	$\leq 0.075W$ @ 230Vac
Protection	OVP, OCP, SCP, OTP
Isolation	3000Vac, Primary to secondary 10mA, 1 min
Insulation Resistance	Primary to secondary $>50M\Omega$ @500Vdc
OCP	Auto-restart
SCP	Shorted without damage.
OVP	$<62V_{pk}$ for less than 0.2S, auto restart
Average Efficiency	86.01% min
Efficiency @ 10% load	76.01% min
Dimension (mm)	71.7 x 50.0 x 33.3
Weight	140g
AC Plug	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	0.5A (RMS) max @ 120Vac; 0.25A (RMS) max @ 240Vac
Output Voltage	48V $\pm 5\%$
Output Current	0.42A
Maximum Output Power	20W
Output Ripple & Noise	120mVpk-pk
Earth Leakage Current	0.25mA max.264Vac/60Hz
AC Inrush Current	40A max @120Vac; 80A max @ 240Vac
Hold-up Time	10mS min @ full load 120Vac/60Hz

Environmental Specifications :

Operating Temperature	0°C ~ +40°C
Storage Temperature	-25°C ~ +75°C
Humidity, Operation	20% to 90% RH
Humidity, Storage	20% to 95% RH
MTBF	150k hours min @ max load, 25°C

Safety and Compliance :

Safety Requirement	UL, CE, CB, RCM
Immunity Requirement	
Electrostatic Discharge	EN 61000-4-2 Level 3
Radiated Immunity	EN 61000-4-3 Level 2
Electrical Fast Transient	EN 61000-4-4 Level 2
Surge Immunity	EN 61000-4-5 Level 3
Conducted Immunity	EN 61000-4-6 Level 3
Voltage Dip	EN 61000-4-11
EMI Standard	FCC Class B EN55022 Class B
Harmonic	
Harmonic	EN61000-3-2 (A1+A2+A14) Class A
Voltage Flicker	EN61000-3-3



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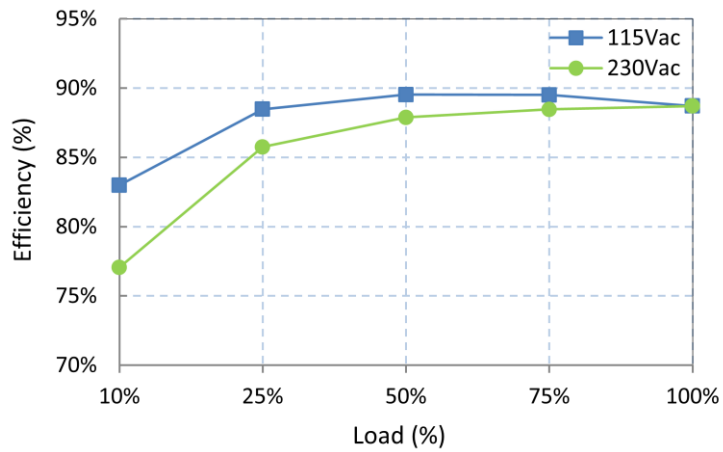
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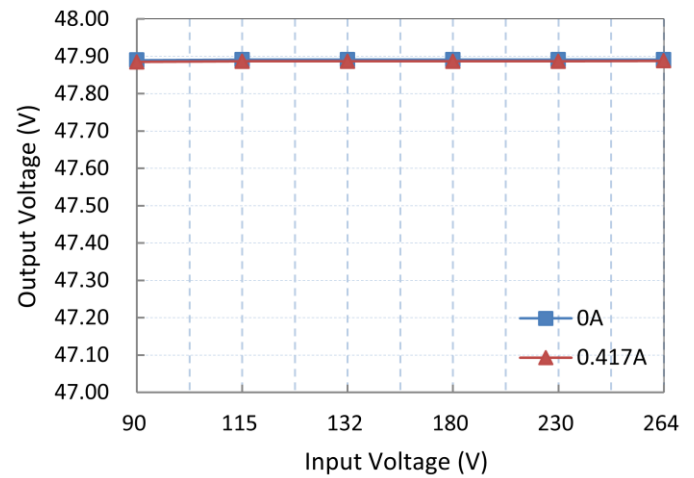
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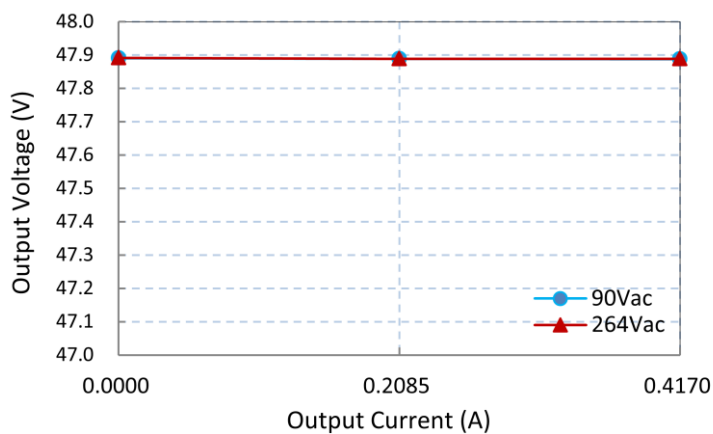
Efficiency



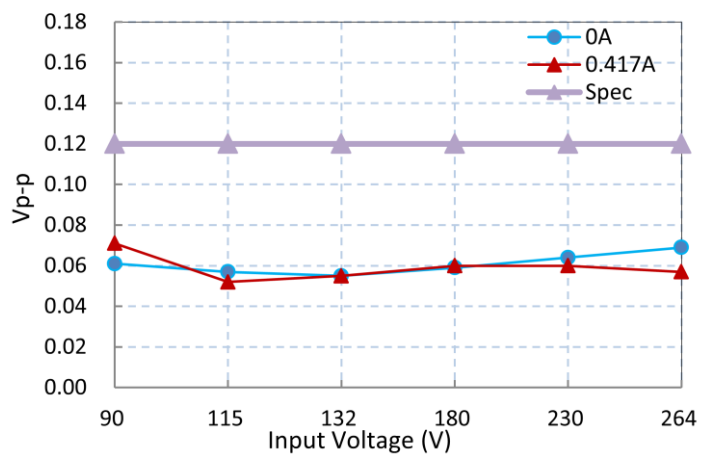
Line Regulation



Load Regulation



Noise & Ripple



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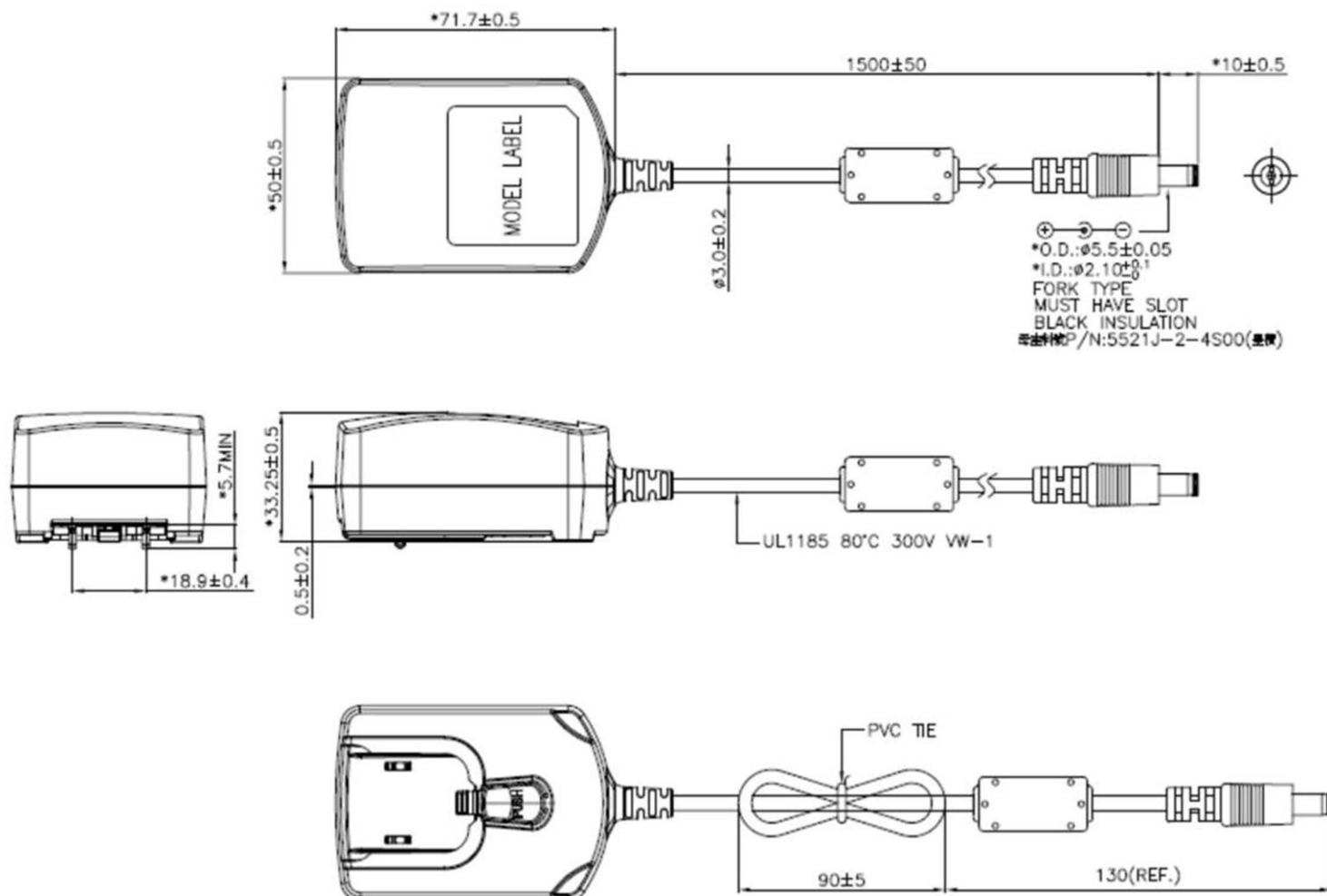
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Dimensions: mm



Model Selections

Model Number	Plug Type	Case Color	Output Current (A $\pm 5\%$)	Output Voltage (Vdc)	Max. Output Power (W)
PSAA20R-480L6-R	Interchangeable	Black	0.42	48	20

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

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