



10W DoE VI Foldable Pin Adapter

PSA10F-050-R / PSA10F-050(P)-R Series

● 5V/2A ● DoE VI ● Foldable Pin ● Cable ● Black



The PSA10F-050-R, 5V/2A foldable pin adaptor series is the latest offering from a world leader in charging adapter technology and manufacturing - Phihong Technology. The PSA10F-050-R foldable pin adaptor series is designed for charging your personal electronic devices and peripherals at home, in the office, or on the go. This foldable pin adaptor series conforms to most of the industry standards and meets DoE VI energy efficiency requirements, we ensure our products meet or exceed all the industry performance and safety requirements.

Features :

Efficiency	DoE VI (78.7% min)
Standby Power	<100mW @ 230Vac/60Hz
Protection	OVP, SCP
Turn-On Delay Time	<3s @ max load, 120Vac/60Hz
Hold-up Time	>8ms @ max load, 120Vac/60Hz
Rise Time	<100ms @ max load, 120Vac/60Hz
Fall Time	<50ms @ max load, 120Vac/60Hz
Isolation	Primary to Secondary 3000Vac, 10mA for 1min.
Insulation	Primary to Secondary >7MΩ, 500Vdc
Dimension	60x47x15 (mm)
Weight	67 (g)

Electrical Specifications :

Input Voltage	100~240Vac (90~264Vac min/max)
Frequency	50/60Hz Nom (47~63Hz min/max)
Input Current	0.3A (RMS) max @ 120Vac
	0.15A (RMS) max @ 240Vac
Output Voltage	5V
Maximum Output Power	10W continuous
Output Ripple & Noise	100mV (pk-pk) @ 1A load, 100Vac/240Vac
	200mV (pk-pk) @ 2A load, 100Vac/240Vac
Line Regulation	±5%
Leakage Current	<100μA @ 240Vac
Inrush Current	<60A @ 240Vac, 25°C

Environmental Specifications :

Operating Temperature	0°C ~ +40°C
Storage Temperature	-40°C ~ +85°C
Operating Humidity	10% ~ 90% RH
Storage Humidity	10% ~ 95% RH

Safety and Compliance :

UL60950-1, IEC60950-1, CSA60950-1
EMI: FCC Class B; EN55022 Class B
ESD: E61000-4-2, Level 3
Surge: EN61000-4-5, Level 3
EFT: EN61000-4-4 Level 2 ; VDT: EN61000-4-11
Field: EN61000-4-3 Level 2 ; C/T: EN61000-4-6 Level 2
PEMT: EN61000-4-8 ; Harmonic: EN61000-3-2 Class A
Flicker: EN61000-3-3

Note:

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth. Output shall be bypassed at a connector with a 0.1uF ceramic capacitor and a 10uF low ESR electrolytic capacitor.

* Foldable design with changeable AC plugs: US, EU, UK, Australia, Brazil, India.



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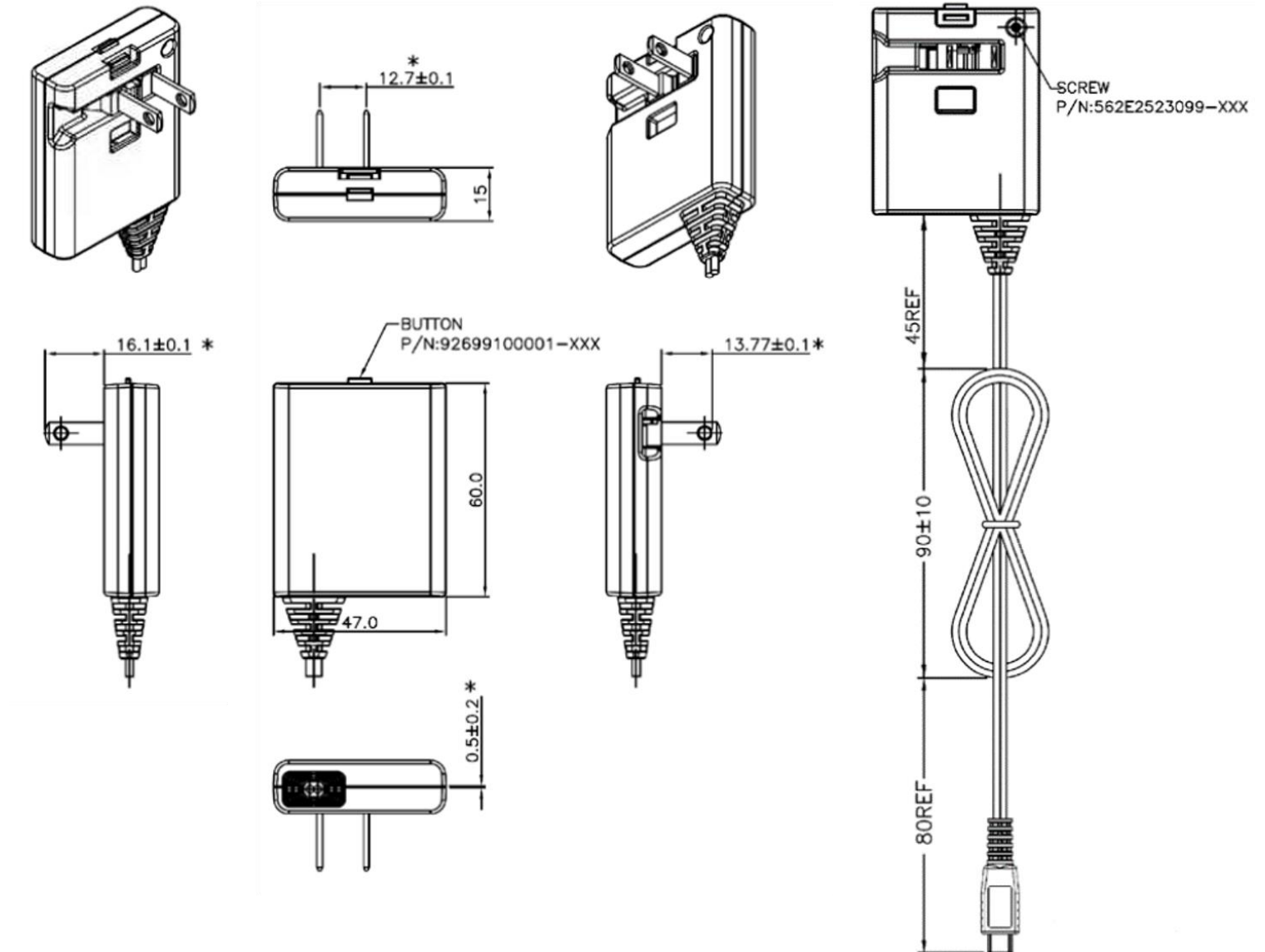
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Dimensions: mm



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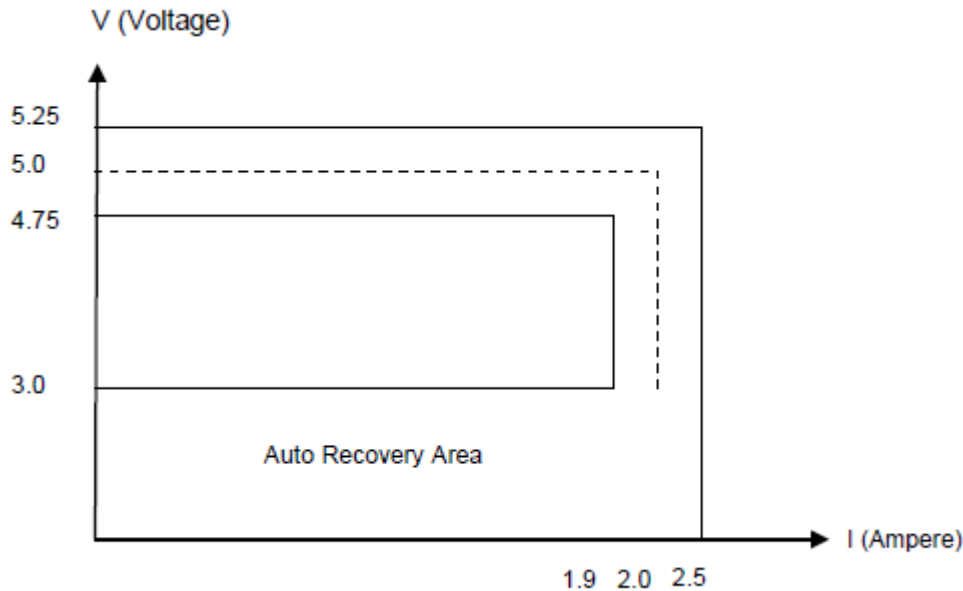
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Output Voltage/Current Characteristic:



Model Selections

Model Number	Output Connector	Output Voltage (Vdc)	Output Current (A)	Max. Output Power (W)
PSA10F-050-R	Micro USB	5	2	10
PSA10F-050(P)-R	Barrel connector	5	2	10

Notes:

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