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10W Medical Grade Adapter with Interchangeable Plugs*				
*Plugs sold separately				
Features				
 DoE Level VI & CoC V5 Tier 2 Field Changeable AC Plugs 2XMOPP Isolation Class II Suitable for BF applications with system consideration 	 LPS compliant IP21rating OVP, OCP, SCP, OTP, brown-in and brown-out protections 			
Applications				
Home healthcare equipmentPatient monitorPortable medical devices	ECG machineRespirator			
Approvals and Certifications				
 ANSI/AAMI ES 60601-1 CAN/CSA C22.2 No.60601-1 IEC60601-1-2:2014(4TH Edition) IEC60601-1-6:2010 + AMD1:2013 Mechanical Characteristics 	 IEC 60601-1:2005 + A1:2012 (Edition 3.1) IEC60601-1-11:2015 IEC62366:2007 + A1:2014 			
 Length: 71.7mm (2.82in) Width: 50mm (1.97in) Output Specifications 	• Height: 40mm (1.57in)			

Madal DC Output		Load		Ripple ¹	Regulation
Model	Voltage	Min.	Max.	P-P (max.)	Line & Load
PMA10R-050AW-R	5V	0A	2A	100mV	±5%
Notes:					

Test by 20Mhz bandwidth mode hi resolution with 10uF and 0.1uF capacitor
 The characteristics defined are at ambient temperature of 25°C unless otherwise specified

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.

PMA10R-050AW-R Characteristics²

Input: AC Input Voltage Rating 115 to 230V AC

AC Input Voltage Range 90 to 264V AC

AC Input Frequency 47 to 63Hz

Input Current 0.3A max at 100VAC

Leakage Current <100uA at 264VAC/50Hz

Inrush Current

60A maximum at 240V AC (Cold start & at input rated voltage +/-10%)

Output:

Efficiency DOE Level VI CoC V5 tier 2

Environmental:

Temperature Operation Non-operation Relative Humidity

5 to +40°C -25 to +70°C 93% RH Max

Emissions

Complies with CISPR 11 Class B

Immunity

ESD:	EN 61000-4-2,
RS :	EN61000-4-3
EFT/Burst :	EN61000-4-4
Surge:	EN 61000-4-5
CS :	EN61000-4-6
Power Frequency Magnetic Field:	EN61000-4-8
Voltage Dips :	EN61000-4-11

Over-Voltage Protection 9V maximum

Short-Circuit Protection

The power supply shall be protected when operating any output in overload condition, or when operating any output in a short. The power supply shall be self-recovering when the fault condition is removed circuit condition.

Over-Current Protection

The power supply will be protected when output power at 2.3A(RMS) of all rated dc output

Over-Temperature Protection

Over-temperature protection sensor

Dielectric Withstand (Hi-pot) Test

Pri. to Sec. >4000VAC 10mA for 1 Minute

DC Output Connector

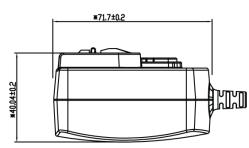
DC plug type 5.5 x 2.1 x 10mm (fork & groove) DC plug pin assignment: Inner (+V), Outer GND(-)

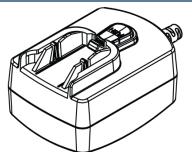
Medical AC Input Clips (sold separately):

Part no:	Description:
RPA-MAB1W	US – white
RPB- MAB1W	Brazil – white
RPE-MAB1W	Euro – white
RPH- MAB1W	Korea – white
RPK- MAB1W	UK – white
RPN-MAB1W	Argentina – white
RPS- MAB1W	AU – white

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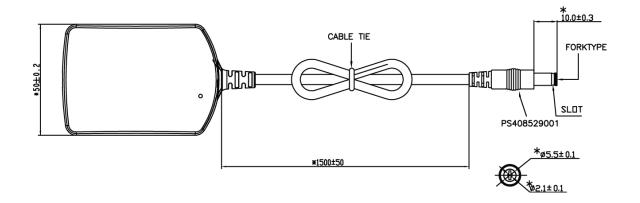
Dimension Diagram Unit: mm





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

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NOTE: This model has/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.