



36W Medical Grade Adapter with Interchangeable Plugs*



*Plugs sold separately

Features

- Meets DoE Level VI/CoC V Tier 2
- Field Changeable AC Plugs
- IEC60601-1:2005+A:2012 2xMOPP approved
- IEC60601-1-2 Ed4 2014 compliant
- Meets Type BF requirements
- LPS compliant
- OVP, OCP, SCP, OTP, brown-in and brown-out protections

Applications

- Ventilators
- Workstations
- Monitoring machines
- Ultrasound machine

Safety Approvals

- UL 60601-1
- CE
- CB
- TUV
- IEC 60601-1

Mechanical Characteristics

- Length: 106.5mm (4.19in)
- Width: 51.5mm (2.03in)
- Height: 38.5mm (1.52in)
- Weight: 220g (7.76oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load	Case Color
		Min.	Max.			
PMA36R-120PHW	12V	0A	3A	150mV	±5%	White

(1) Test by 20Mhz bandwidth mode hi resolution with 10uF and 0.1uF capacitor

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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

1.2A max at 100VAC

Leakage Current

<100uA at 264VAC/50Hz

Inrush Current

80A maximum at 240V AC

OUTPUT:**Efficiency**

DOE Level VI and CoC V5 tier 2

ENVIRONMENTAL:**Temperature**

Operation +10°C to +40°C

Non-operation -20°C to +80°C

Relative Humidity 90% RH Max

Emissions

IEC 60601-1-2:2014

FCC PART 18 CLASS B

EN55011 CLASS B

AS/NZS CISPR11 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

FEATURES:**Over-Voltage Protection**

17V auto recover

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 4.35A(min) of all rated dc output. Auto-recover

Over-Temperature Protection

Latch off mode

Dielectric Withstand (Hi-pot) Test

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

DC Output Connector

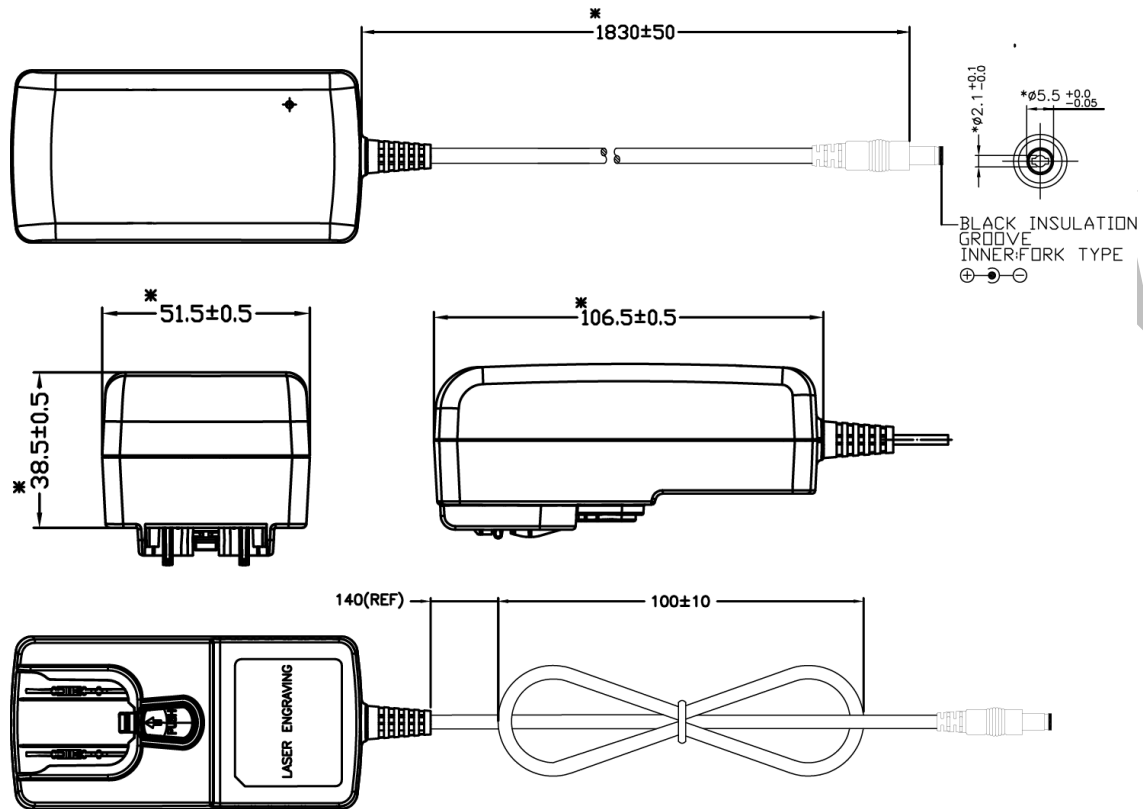
DC plug type 5.5 x 2.1 x 10mm (fork & groove)

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

Dimension Diagram Unit: mm (inch)



PRELIMINARY

Mouser Electronics

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