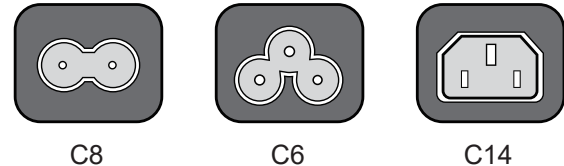
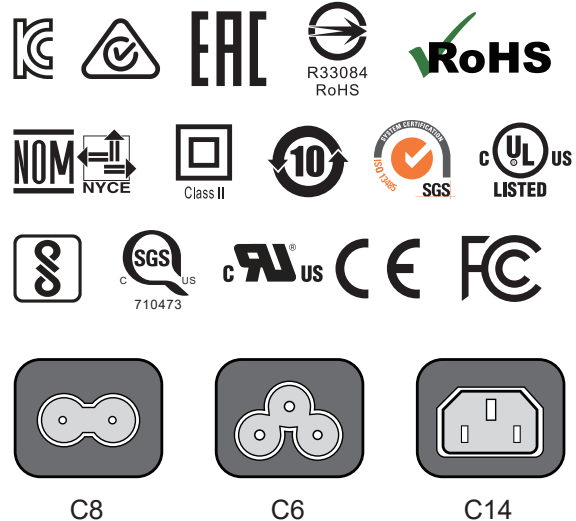


# PHIHONG 60W Medical Grade Adapter



Case Color : Black



## Compatibility Guide

AC Input	Description	Connector	Connecting Cable	Description
	Two-wire Input (C8)		AC15WNA AC15WEU AC15WUK	C8 North America power cord C8 Continental Europe power cord C8 United Kingdom Power cord
	Three-wire Input (C6)		AC30MNA	C6 North America power cord "Mickey Mouse"
	Three-wire Input (C14)		AC30UNA AC30UEU AC30UUK	C14 North America power cord C14 Continental Europe power cord C14 United Kingdom power cord

## Features

- Meet DoE Level VI efficiency requirements and CoC Tier II
- No-load input power meets CoC
- All specifications meet 2MOPP standard
- Low leakage current meets B & BF types
- Operating temperature -10°C ~ +40°C
- High reliability

INTEGRITY  
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CHALLENGE

## Applications

- Medical Sleep Apnea, CPAP
- Monitor & others

Model Name		MA60X-120A-R*	MA60X-240A-R*
AC input	Input voltage	80Vac ~ 264Vac	80Vac ~ 264Vac
	Nominal Voltage	100Vac ~ 240Vac	100Vac ~ 240Vac
	Input frequency	47Hz~63Hz	47Hz~63Hz
	AC Input current	2A max at 100Vac	2A max at 100Vac
	AC Inrush Current	120A max at cold start and 264Vac input	120A max at cold start and 264Vac input
	Power consumption	≤75mW at 230Vac input	≤75mW at 230Vac input
	Average Efficiency	89% Min	89% Min
DC output	Output Voltage	12V	24V
	Output Current	5A	2.5A
	Ripple and noise	150mV	200mV
	Turn on delay time	< 2s	< 2s
	Rise time	< 20ms	< 20ms
	Overshoot	< 10% of nominal output	< 10% of nominal output
	Hold up time	16ms minimum at 115Vac/ 60Hz and rated load	16ms minimum at 115Vac/ 60Hz and rated load
Protection	OVP	<16V	<34V
	OCP	<7A Latch off mode	<4.5A Latch off mode
	SCP/OTP	Latch off mode	Latch off mode
Environmental	Operating temperature	-10°C to 50°C	-10°C to 50°C
	Storage temperature	-40°C to 70°C	-40°C to 70°C
	Operating humidity	5% to 95% R. H	5% to 95% R. H
	Storage humidity	95% R. H	95% R. H
	Mean time between failures	480K hrs. Min. (MIL-HDBK-217F) at full load and 25 °C Ambient @230Vac 50Hz	720K hrs. Min. (MIL-HDBK-217F) at full load and 25°C Ambient @230Vac 50Hz
Safety compliance	Leakage Current	< 100µA under normal condition at 264Vac/50Hz	< 100µA under normal condition at 264Vac/50Hz
	Dielectric withstand voltage	Primary to secondary,4400Vac 10mA for 1 Minute.	Primary to secondary,4400Vac 10mA for 1 Minute.
	Insulation resistance	Primary to secondary 500Vdc 100M ohm min	Primary to secondary 500Vdc 100M ohm min
Mechanical	Dimension	125x50x32mm	125x50x32mm
	DC output cable	UL1185 16AWG 1200mm±50 mm.	UL1185 18AWG 1500mm±50 mm
	AC Inlet	C6, C8, C14	C6, C8, C14

Remark: X=M, W, U (C6, C8, C14)

