
Medical Power Solutions

Charging With Care



About Pihong

Pihong's business focus is to maintain its leadership in the power adapter market and to grow our switching power supply market by providing power solutions in telecom, datacom, networking, personal electronics & industrial markets. Our global footprint combined with our ability to provide low-cost manufacturing and strong localized technical support provides a unique dynamic to our OEM and ODM customers that allows us to offer quality solutions on time, to budget and to schedule. With an eye toward the international trend of environmental protection and carbon reduction. Zerova, a subsidiary of Pihong, specializes in the EV Charging Market and offers a comprehensive range of EV charging solutions for both commercial and passenger vehicles.

Core value

Customer service

Innovation

Sustainability



1972

Leading power supplier in the world

50+ Years

Selling products to 56+ countries around the world

Established in 1972

Top 10

Offering comprehensive power solutions 50+ years

56+ Countries

PHIHONG GROUP



Home Application



AR/VR



POS



NB



Medical



Industrial



Mobile



PoE&IoT



e-bike



Infrastructure



EV Charging

Your best partner

Why chose us?



Advantages

Day 1

Comprehensive power solutions

Globalization

Real-time customer service

166 Patents

& 64 under applications

> 350 R&D

High quality engineering experties

1W - 480kW

Charging technology

85%

Automated production



Certification

Phihong Groups/ Vietnam Factory

ISO 9001:2015

Automobile

IATF 16949:2016

Medical devices

ISO 13485:2016

Hazardous substance process

IECQ QC080000:2021

Environmental

ISO 14001:2015

Occupational health and safety

ISO 45001:2018

Features

Medical Power Solutions



Applications



Patient Monitoring Equipment



Diagnostic Equipment



Home Health Care Equipment



Dental Equipment



Surgical Equipment



Ophthalmic Equipment

Product Types

Desktop Adapters



Universal Adapters



Plugging Adapters



Open Frame



Desktop Adapters



OVP



OCP



SCP



OTP



MCU

- 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



**MM18M-59A-R (USB-B,
with QC 2.0)**

Dimension L98.2xW37.2xH27.5mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	85~264V	5, 9V	5V/3A, 9V/2A
Input Type	Case Color	Safety	
desktop - C6	White	CB, CE, UL, NRCAN, RCM, DOE, PSE(PHC), SASO, CCC(PHC)	



MA100X-240B-R (X=U type)

Dimension L153xW77xH41.5mm

80 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
100W	80~264V	24V	4.17A
Input Type	Case Color	Safety	
desktop - C14	Black	CB, CE, UL	

Plugging Adapters



- Low leakage current meets B & BF types
- Meet DoE Level VI efficiency requirements and CoC Tier II
- PMA18C-120-R & PMA18E-120-R meet 2MOOP standard. Other specifications meet 2MOPP standard
- No-load input power < 100mW
- Operating temperature range from 0°C ~ +50°C
- High reliability



MQ05A-050B-H
MQ05A-050BW-H

Dimension L47xW38xH22.3mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
5W	85~264V	5V	1A
Input Type	Case Color	Safety	
US	Black, White	CB, CE, EAC(CU)	



MQ10A-050B-H
MQ10A-050BW-H

Dimension L47xW38xH22.3mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
10W	85~264V	5V	2A
Input Type	Case Color	Safety	
US	Black, White	CB, CE, EAC(CU)	

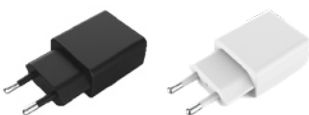


MQ05E-050B-H
MQ05E-050BW-H

Dimension L59.1xW38xH22.3mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
5W	85~264V	5V	1A
Input Type	Case Color	Safety	
EU	Black, White	CB, CE, EAC(CU)	



MQ10E-050B-H
MQ10E-050BW-H

Dimension L59.1xW38xH22.3mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
10W	85~264V	5V	2A
Input Type	Case Color	Safety	
EU	Black, White	CB, CE, EAC(CU)	

Plugging Adapters



OVP



OCP



SCP



OTP



MCU



MQ05K-050B-H
MQ05K-050BW-H

Dimension L57xW38xH22.3mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
5W	85~264V	5V	1A
Input Type	Case Color	Safety	
UK	Black, White	CB, CE	



MQ10K-050B-H
MQ10K-050BW-H

Dimension L57xW38xH22.3mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
10W	85~264V	5V	2A
Input Type	Case Color	Safety	
UK	Black, White	CB, CE	



MQ05S-050B-H
MQ05S-050BW-H

Dimension L47xW38xH22.3mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
5W	85~264V	5V	1A
Input Type	Case Color	Safety	
AUS	Black, White	CB, CE	



MQ10S-050B-H
MQ10S-050BW-H

Dimension L47xW38xH22.3mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
10W	85~264V	5V	2A
Input Type	Case Color	Safety	
AUS	Black, White	CB, CE	



PMA18A-120PH-R

Dimension L82xW43.2xH30mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	85~264V	12V	1.5A
Input Type	Case Color	Safety	
US	Black	CB, CE, UL, FCC Part 18, ICES-001(B)	

Plugging Adapters



OVP



OCP



SCP



OTP



MCU



PMA18A-240-R
Dimension L82xW43.2xH30mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	85~264V	24V	0.75A
Input Type	Case Color	Safety	
US	White	CB, CE, UL	



PMA18A-120PHW-R
Dimension L82xW43.2xH30mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	85~264V	12V	1.5A
Input Type	Case Color	Safety	
US	White	CB, CE, EAC(CU)	



PMA18E-120-R
Dimension L82xW43.2xH30mm

90 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	90~264V	12V	1.5A
Input Type	Case Color	Safety	
EU	White	CB, CE, EAC(CU)	



PMA18E-120PHW-R
Dimension L82xW43.2xH30mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	85~264V	12V	1.5A
Input Type	Case Color	Safety	
EU	White	CB, CE, EAC(CU)	



PMA18E-240-R
Dimension L82xW43.2xH30mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	85~264V	24V	0.75A
Input Type	Case Color	Safety	
EU	White	CB, EAC(CU)	

Plugging Adapters



OVP



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OTP



MCU



PMA18K-240-R
Dimension L82xW43.2xH30mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	85~264V	24V	0.75A
Input Type	Case Color	Safety	
UK	White	CB, CE	



PMA18K-120PHW-R
Dimension L82xW43.2xH30mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	85~264V	12V	1.5A
Input Type	Case Color	Safety	
UK	White	CB, CE	



PMA18S-120PHW-R
Dimension L82xW43.2xH30mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
18W	85~264V	12V	1.5A
Input Type	Case Color	Safety	
AUS	White	CB, CE	

Universal Adapters



- Low leakage current meets B & BF types
- Meet DoE Level VI efficiency requirements and CoC Tier II
- PMA36R-120-R & PMA36R-120B-R meet 2MOOP standard. Other specifications meet 2MOPP standard.
- Operating temperature range from 0°C ~ +50°C
- No-load input power < 100mW
- High reliability



PMA09R-060A-R
Dimension L71.7xW50xH40mm

90 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
9W	90~264V	6V	1.5A
Input Type	Case Color	Safety	
Interchangeable clip	Black	CB, UL(cSGSUs)	



PMA09R-090A-R
Dimension L71.7xW50xH40mm

90 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
9W	90~264V	9V	1A
Input Type	Case Color	Safety	
Interchangeable clip	Black	CB, UL(cSGSUs)	



PMA10R-050A-R
PMA10R-050AW-R
Dimension L71.7xW50xH40mm

90 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
10W	90~264V	5V	2A
Input Type	Case Color	Safety	
Interchangeable clip	Black, White	CB, UL(cSGSUs)	



PMA10R-120A-R
Dimension L71.7xW50xH40mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
9.6W	85~264V	12V	0.8A
Input Type	Case Color	Safety	
Interchangeable clip	Black	CB, UL(cSGSUs)	

Universal Adapters



OVP



OCP



SCP



OTP



MCU



PMA10R-240A-R
Dimension L71.7xW50xH40mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
9.6W	85~264V	24V	0.4A
Input Type	Case Color	Safety	
Interchangeable clip	Black	CB, UL(cSGSUs)	



PMA36R-120-R
Dimension L106.5xW51.5xH38.5mm

90 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
36W	90~264V	12V	3A
Input Type	Case Color	Safety	
Interchangeable clip	White	CB, CE, UL	



PMA36R-120A-R
Dimension L106.5xW51.5xH38.5mm

90 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
36W	90~264V	12V	3A
Input Type	Case Color	Safety	
Interchangeable clip	White	CB, UL, Brazil, CU(EAC), DOE, FCC, KC+KCC+K-MEPS, TUV	



PMA36R-120B-R
Dimension L106.5xW51.5xH38.5mm

90 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
36W	90~264V	12V	3A
Input Type	Case Color	Safety	
Interchangeable clip	White	CB, CE, UL, FCC	

Open Frame



- Meet DoE Level VI efficiency requirements and CoC Tier II
- Operating temperature range from -25°C ~ +70°C
- All specifications meet 2MOPP standard.
- No-load input power < 100mW
- Low leakage current meets B & BF types
- High reliability



MA060-240C-R
Dimension L101.6xW50.8mm

85 - 264V

Output Power Wattage	Input Voltage	Output Voltage	Output current
60W	85~264V	24V	2.5A
Input Type	Case Color	Safety	
JST VHR	N/A	CB, CE, UL	



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