
GaN Power Charging Solutions

Energize Your gaming spirit



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.

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



Certification

Pihong 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

PHIHONG GROUP



Home Application



AR/VR



POS



NB



Medical



Industrial



Mobile



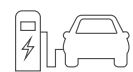
PoE&IoT



e-bike



Infrastructure



EV Charging

GaN Power Series



240W GaN



AA240U-200A-R

Dimension L165 x W75 x H25.4 mm
L6.49 x W2.95 x H1 inch
Weight <700 g
<1.54 lb

Power Rated	Input Voltage	Output Voltage	Constant Current	Peak Load	Efficiency	Input AC Plug
240W	90-264V	20Vdc	12A	180%-225%	>92%	IEC C14 Type
Transient Response	Hold-up Time	Power Density	Power Factor	Output Connector		
0.5mS for 50% Load Change (Typical)	> 16 ms typ. @ 100 Vac (100% load)	12.53W / in ³	> 0.95 @ 90 Vac (100% load) > 0.9 @ 230 Vac (100% load)	Barrel connector (5.5*1.7mm)		
Operating Temperature (°C)	Storage Temperature (°C)	Operation Humidity	TUV Bauart/ UL/cUL recognized/ CB scheme			
0°C to 35°C	-35°C to 85°C	5 to 95%	EN 62368-1/ UL 62368-1/ IEC 62368-1			

280W GaN

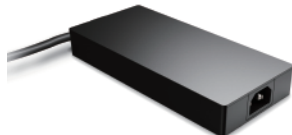


AA280U-200A-R

Dimension L165 x W75 x H25.4 mm
L6.49 x W2.95 x H1 inch
Weight <750 g
<1.65 lb

Power Rated	Input Voltage	Output Voltage	Constant Current	Peak Load	Efficiency	Input AC Plug
280W	90-264V	20Vdc	14A	180%-225%	>94%	IEC C14 Type
Transient Response	Hold-up Time	Power Density	Power Factor	Output Connector		
0.5mS for 50% Load Change (Typical)	> 16 ms typ. @ 100 Vac (100% load)	14.6W / in ³	> 0.95 @ 90 Vac (100% load) > 0.9 @ 230 Vac (100% load)	Barrel connector (5.5*1.7mm)		
Operating Temperature (°C)	Storage Temperature (°C)	Operation Humidity	TUV Bauart/ UL/cUL recognized/ CB scheme			
0°C to 35°C	-35°C to 85°C	5 to 95%	EN 62368-1/ UL 62368-1/ IEC 62368-1			

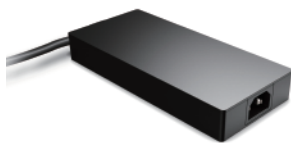
280W GaN



AA280U-200B-R

Dimension L180 x W82 x H25.4 mm
L7.09 x W3.23 x H1 inch
Weight <750 g
<1.65 lb

Power Rated	Input Voltage	Output Voltage	Constant Current	Peak Load	Efficiency	Input AC Plug
280W	90-264V	20Vdc	14A	180%-225%	>94%	IEC C14 Type
Transient Response	Hold-up Time	Power Density	Power Factor	Output Connector		
0.5mS for 50% Load Change (Typical)	> 16 ms typ. @ 100 Vac (100% load)	12.24W / in ³	> 0.95 @ 90 Vac (100% load) > 0.9 @ 230 Vac (100% load)	Barrel connector (5.5*1.7mm)		
Operating Temperature (°C)	Storage Temperature (°C)	Operation Humidity	TUV Bauart/ UL/cUL recognized/ CB scheme			
0°C to 35°C	-35°C to 85°C	5 to 95%	EN 62368-1/ UL 62368-1/ IEC 62368-1			



AA330U-200A-R

Dimension L180 x W82 x H25.4 mm
 L7.09 x W3.23 x H1 inch
 Weight <800 g
 <1.76 lb

330W GaN

Power Rated	Input Voltage	Output Voltage	Constant Current	Peak Load	Efficiency	Input AC Plug
330W	90-264V	20Vdc	16.5A	180%-225%	>94%	IEC C14 Type
Transient Response	Hold-up Time	Power Density	Power Factor	Output Connector		
0.5mS for 50% Load Change (Typical)	> 16 ms typ. @ 100 Vac (100% load)	14.42W / in ³	> 0.95 @ 90 Vac (100% load) > 0.9 @ 230 Vac (100% load)	Barrel connector (5.5*1.7mm)		
Operating Temperature (°C)	Storage Temperature (°C)	Operation Humidity	TUV Bauart/ UL/cUL recognized/ CB scheme			
0°C to 35°C	-35°C to 85°C	5 to 95%	EN 62368-1/ UL 62368-1/ IEC 62368-1			



AM140U-59FKA-R

Dimension L128 x W63 x H25.4 mm
 L5.04 x W2.48 x H1 inch
 Weight <650 g
 <1.43 lb

140W GaN PD 3.1

Power Rated	Input Voltage	Output Voltage	Constant Current	Peak Load	Efficiency	Input AC Plug
140W	100-240V	5/9/15/20/28Vdc	0-5A	180% (20V) 225% (28V)	>92%	C6 Type
Transient Response	Hold-up Time	Power Density	Power Factor	Output Connector		
50% Load, with +/- 5% tolerance	> 10 ms typ. @ 100 Vac (100% load)	11W / in ³	> 0.9 @ 230 Vac (100% load)	Type-C (5A)		
Operating Temperature (°C)	Storage Temperature (°C)	Operation Humidity	TUV Bauart/ UL/cUL recognized/ CB scheme			
0°C to 40°C	-35°C to 80°C	5 to 95%	EN 60950/ IEC 62368			

Features

GaN Power Charging Solutions



OVP



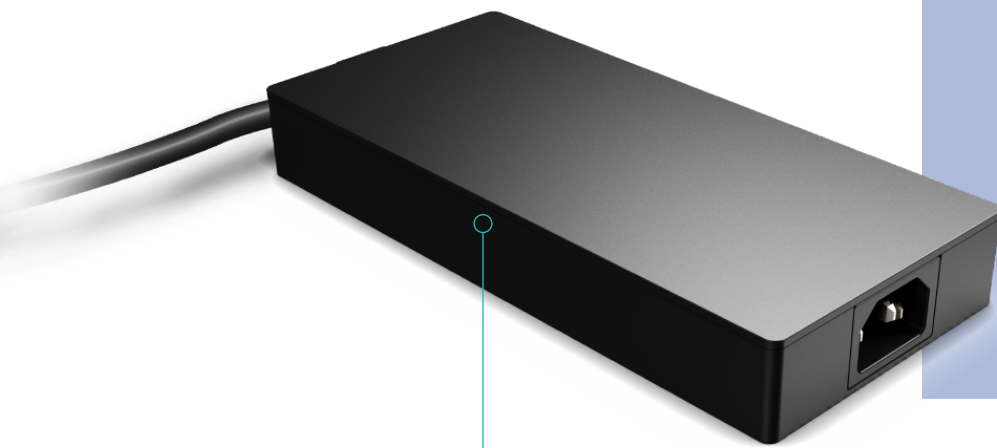
OCP



SCP



OTP



Features

- GaN (gen gallium nitride) Technology
- Universal AC Input range
- < 94% high efficiency
- Compact design
- Safe & Reliable

Applications



Gaming / Business
Laptop



Monitor
Power Supply



All-in-One
PCs

CE CB

TAIWAN

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Infinite energy possibilities!

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