
GaN Power 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. 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



Certification

Phihong Groups/ Vietnam Factory

ISO 9001:2015

Automobile

IATF 16949:2016

Medical devices

ISO 13485:2016

Hazardous substance process

IECQ QC080000:2021

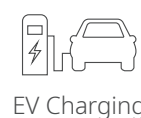
Environmental

ISO 14001:2015

Occupational health and safety

ISO 45001:2018

PHIHONG GROUP



Features

GaN Power Solutions



OVP



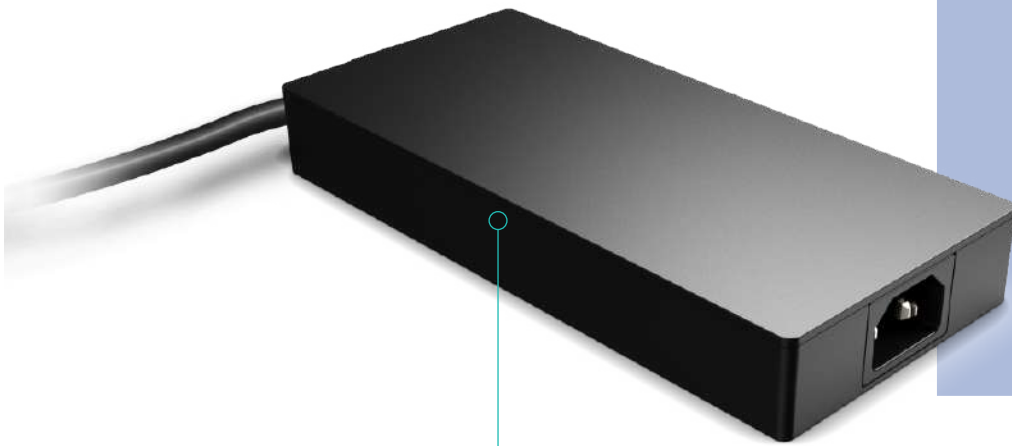
OCP



SCP



OTP



Features

- GaN (gallium nitride) Technology
- Universal AC Input range
- High efficiency
- Compact design
- Safe & Reliable

Applications



Gaming / Business
Laptop



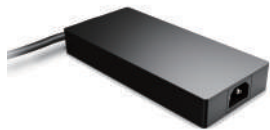
Monitor
Power Supply



All-in-One
PCs

CE CB

GaN Power Series

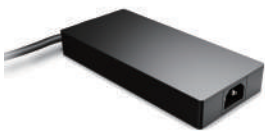


AA330U-200A-R

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	Safety			
0°C to 35°C	-35°C to 85°C	5 to 95%	EN 62368-1/ UL 62368-1/ IEC 62368-1			



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

280W GaN

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	Safety			
0°C to 35°C	-35°C to 85°C	5 to 95%	EN 62368-1/ UL 62368-1/ IEC 62368-1			

GaN Power Series



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

280W GaN

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	Safety			
0°C to 35°C	-35°C to 85°C	5 to 95%	EN 62368-1/ UL 62368-1/ IEC 62368-1			



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

240W GaN

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	Safety			
0°C to 35°C	-35°C to 85°C	5 to 95%	EN 62368-1/ UL 62368-1/ IEC 62368-1			



AM140M-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	5/9/15/20/28 Vdc	0-5A	180% (20V) 150% (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	Safety			
0°C to 40°C	-35°C to 80°C	5 to 95%	EN 60950/ IEC 62368			

GaN Power Series



AA100A-59FKC-R

Dimension L63 x W63 x H29 mm
L2.5 x W2.5 x H1.2 inch
Weight <250 g
<0.55 lb

100W GaN PD 3.0

Power Rated	Input Voltage	Output Voltage	Constant Current	Peak Load		
100W	90-264V	5/9/15/20 Vdc	3/3/3/5 A	15V Mode & 20V Mode Peak current equals 200% Ioc for 1ms @5% duty cycle		
Transient Response	Hold-up Time	Power Density	Power Factor	Efficiency	AC Pin	
8.1V~9.9V for 9V / 4.25V~5.75V for 5V	> 10 ms@100Vac/60Hz & Max load	14.49W / in ³	PHP	>89%	US	
Operating Temperature (°C)	Storage Temperature (°C)	Operation Humidity	Operation Altitude			
0°C to 35°C	-30°C to 80°C	10% to 90%	5000M			



AA65A-59FKE-RW

Dimension L53 x W53 x H29 mm
L2.1 x W2.1 x H1.2 inch
Weight <180 g
<0.4 lb

65W GaN PD 3.0

Power Rated	Input Voltage	Output Voltage	Constant Current	Peak Load		
65W	90-264V	5/9/15/20 Vdc	3/3/3/3.25 A	15V Mode & 20V Mode Peak current equals 200% Ioc for 1ms @5% duty cycle		
Transient Response	Hold-up Time	Power Density	Power Factor	Efficiency	AC Pin	
8.1V~9.9V for 9V / 4.25V~5.75V for 5V	> 5 ms@100Vac/60Hz & Max load	13.31W / in ³	PHP	>89%	US	
Operating Temperature (°C)	Storage Temperature (°C)	Operation Humidity	Operation Altitude			
0°C to 40°C	-30°C to 80°C	10% to 90%	5000M			



⚡ PD 3.0 | GaN Tech | 50% smaller & lighter
High-Speed Charging

TAIWAN

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