AMOMOPOWER

2024
PRODUCT CATALOG

浙江华耕电子科技有限公司

ZHEJIANG HUAGENG ELECTRONIC TECHNOLOGY CO. LTD

Company profile

浙江华耕电子科技有限公司成立于2018年，自有现代化独栋厂房，公司坐落于美丽的港口城市宁波，我们是一家具备科技创新能力设计、研发、生产、销售服务为一体专业制造商。

华耕科技立志成为12V&24V行业的领导者，主要为四驱车、露营车、拖车、房车、休闲车、游艇以及户外休闲市场提供完整的电源系统解决方案和应急启动解决方案。公司主要产品有12V&24V智能应急启动电源、整车电源控制系统、船用电源控制系统、12V-48V电源集成控制箱、高压直流继电器12V-48V锂电池组、 电池充电器、车载逆变器、以及12V&24V配件。我们拥有世界先进的研发核心技术，高效优质的供应链配套资源先进的生产设备和检测设备。自主研发产品获得各项产品专利以及产品设计均符合相关认证要求。我们支持OEM和ODM合作方式，我们始终坚持三个第一的经营理念：品质第一、客户第一、服务第一为经营理念。 以质量求生存，以科技创新技术求发展，秉持“科技创新、 持续改进、质量保证、客户满意的经营方式”，力争发展成为国际专业性最强、规模最大的企业之一。竭诚欢迎各界精英人士，携手共创美好明天。我们将始终坚持为全球创造商业价值和社会价值而努力奋斗终身。

我们的愿景：成为细分领域世界知名品牌，成为实现所有合作伙伴梦想的平台。

我们的核心价值观：创新、诚信、共赢，责任、真诚、感恩、自信、快乐

我们的使命：让车船电路系统安全无忧，让生活更美好。

Zhejiang Huageng Electronic Technology Co., Ltd. was established in 2018 and operates in a modern standalone factory located in the beautiful port city of Ningbo. We are a professional manufacturer that integrates technological innovation, design, R&D, production, and sales services.

Huageng Technology is committed to becoming a leader in the 12V & 24V industry, primarily providing complete power system solutions and emergency start solutions for four-wheel drive vehicles, camping vehicles, trailers, recreational vehicles, leisure vehicles, yachts, and the outdoor leisure market. Our main products include 12V & 24V intelligent emergency start power supplies, vehicle power control systems, marine power control systems, 12-48V power integration control boxes, high-voltage DC relays, 12V-48V lithium battery packs, battery chargers, inverters, and 12V & 24V accessories.

We possess the advanced world-class core R&D technologies, efficient and high-quality supply chain resources, advanced production and testing equipments. Our independently developed products have obtained various patents, and our product designs all meet the relevant certification requirements.We support the OEM and ODM cooperation and consistently adhere to our business philosophy: "Quality first, Customer first and Service first." We insist in "Quality first" as foundation, develop through technological innovation, and uphold a business belief of "Technological innovation, Continuous improvement, Quality assurance, and Customer satisfaction." Our goal is to become one of the strongest and largest international professional enterprises. We sincerely welcome all the elites to join us to create a better tomorrow.

We are committed to creating global commercial and social value for life, and will strive for a lifetime.

Our vision: to become a world-renowned brand in our niche market and a platform for realizing the dreams of all our partners.

Our core values: Innovation, Integrity, Mutual Benefit, Responsibility, Sincerity, Gratitude, Self-confidence, and Happiness.

Our mission is to ensure that vehicle and vessel electrical systems are safe, and to make life better.

Control Box Systems

AOS9013

Product Name:	Battery Control Box
Material:	Flame Retardant Plastic
Voltage:	12V/24V
Application:	Outdoor Camping
External dimension:	425X 252X310mm
Inside dimension:	330X 195X200mm

AOS-A1000S

Product Name:	Control Hub With 1000W inverter
Material:	Laser cut Black Powder coated Aluminum
Ratings:	DC 12V
Switch Ratings(each):	DC 12V Voltage
Switch Function:	On-off(Latching)
Pure wave inverter:	1000W 230V±10%
Box Dimensions:	450x 305x 92 mm

AOS4713

Product Name:	12/24V control box 100A
Material:	Laser cut Black Powder coated Aluminum
Ratings:	DC 12V/24V
Switch Ratings(each):	DC 12V 20A/24V 20A Voltage
Maximum Cumulative Amp:	100A
Recommended Main Input Cable Size:	4 AWG(length 1-3m)
Box Dimensions:	250x 305x 80 mm

AOS3613

Product Name:	12/24V control box
Material:	Laser cut Black Powder coated Aluminum
Ratings:	DC 12V/24V
Switch Rating (each):	DC 12V 20A/24V 20A Voltage
Battery Switch Continuous Rating:	150A
Switch Function:	On-off(Latching)
Box Dimensions:	250x 305x 80mm

AOS3011-5P-A

Product Name:	12/24V control box 80A
Material:	Laser cut Black Powder coated Aluminum
Ratings:	DC 12V/24V
Switch Rating (each):	DC 12V 20A/24V 20A Voltage
Maximum Cumulative Amp:	80A
Recommended Main Input Cable Size:	4 AWG(length <3m) 6 AWG(length 1-3m)
Box Dimensions:	400x 305x 82 mm

Mini Power Box
88.8
INPUT VDC
888
Watts
-188 °F
°C
USB-A
QC 3.0
TYPE-C20W
TYPE-C 100W
LIGHT
AMOMOPOWER
ON/OFF
DC 12V
USB 5V 2.4A
USB 5V 2.4A
QC 3.0
QC 3.0
ON/OFF
PD-20W
PD-100W

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AOS9313

Product Name:	Mini Power Box

Specification	
Input Voltage:	12V
Materials:	ABS Plastic
Suitable Battery Types:	Any deep cycle (Lithium, AGM,Calcium,Wet,Gel)
Connertion Method:	Via Anderson plug (to battery terminals)
Box Dimensions:	L170xW120xH64mm
Ports:	4x50A Anderson plug inputs/outputs
	2 x 10A cig socket
	2 x 5A DC (5521)
	2 x 2.4A USB-A
	2 x 18W QC3.0 USB
	1 x PD 20W USB-C
	1 x PD 100W USB-C
	1 x LED Light
	1 X LED liquid crystal display

Control Box Systems

AOS22613-40A

Suitable Battery Types:	Lead Acid,AGM,Calcium,LiFePO4
DC charger input voltage:	11V-24V
Battery input voltage:	12V
Connection method:	Via Anderson plug (to battery terminals)
Ports:	1 x Coulometer
	1 x Cig socket
	1 x Dual port USB 5V4.8A
	4 x Contura switches
	4 x 15A circuit breakers
	1 x DCDC 40A Charger
Dimensions:	462x172x302 mm

Control Box Systems

AOS3199

- 40A DC-DC CHARGER (Vehicles/Solar)
- 40A AC-DC CHARGER
- 2000W PURE SINE WAVE INVERTER
- 4* SWITCHE (12V 20AMP)
- MIDI FUSE BLOCK
- USB QC3. 0+PD45W & 12V Sockets
- 120A BREAKERS
- 200A BREAKERS
- 12V MINI POWER BOX
- 12V 200A LITHIUM LIFEPO4 BATTERY

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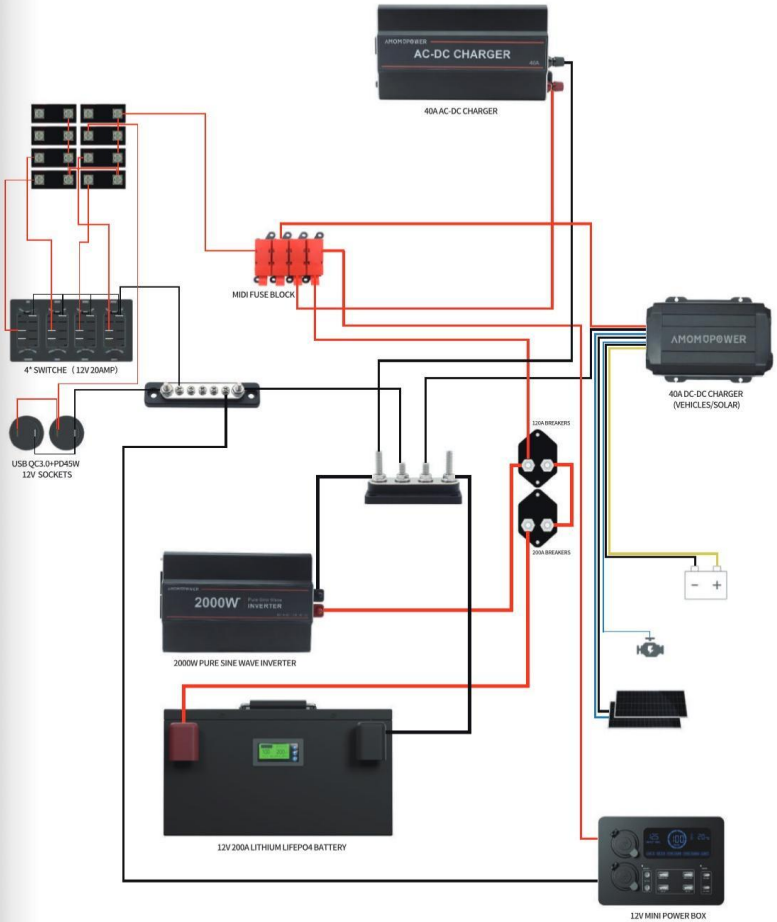
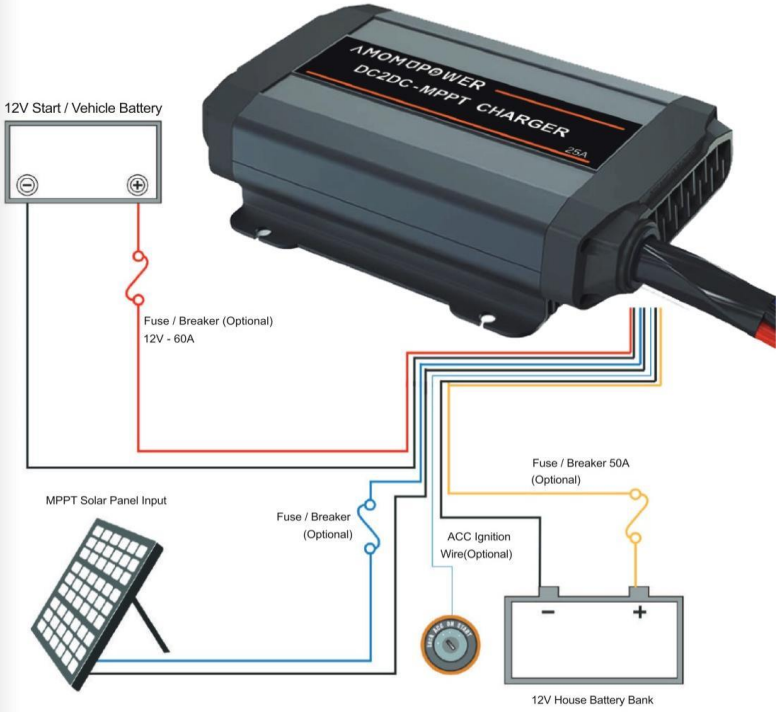
Wiring Method



DC-DC CHARGER

25A&40A&60A



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AOP25DC-DC

AOP40DC-DC

AOP60DC-DC

Product Name:	25A DC-DC Changer	40A DC-DC Changer	60A DC-DC Changer
Specification			
Battery Input Voltage Range:	7~24V		
MIN.Solar Input Voltage:	13V		
MAX.Solar Input Current:	25A	40A	60A
MAX.Solar Input Voltage:	26V		
MAX.Output Current:	DC Output:25A Solar Output:25A	DC Output:40A Solar Output:40A	DC Output:60A Solar Output:60A
DC Input Voltage:	12V(ACC ON),13V(ACC OFF),MAX 24V		
Rated Charging Current:	25A MAX (IN/OUT)	40A MAX (IN/OUT)	60A MAX (IN/OUT)
Charging Voltage Range:	7~15.4V		
Idle Power Consumption:	10mA		
Operational Temperature (Ambient):	-10℃/45℃		
Humidity:	0%~90%		
IP Rating:	IP 54		
Soft Start:	YES		
Soft Charge Current:	4A		
Dimensions:	L197xW160xH46.5mm		
Weight:	710G		