

Smart Charging,
Sustainable Living



Guangdong AiPower New Energy Co.,Ltd.

📍 Address:Guangdong AiPower New Energy Technology Co.,
Ltd.AiPower Industrial Park,No.17,Dongshen Road,Changping Town,
Dongguan City,523570,China.

☎ Tel:+86-769-81031303

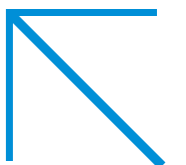
✉ Email:sales@evaisun.com

🌐 Web:www.evaisun.com

2026 02 版本

**CATALOG OF
EV CHARGERS**

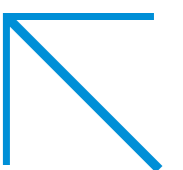
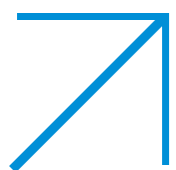
Guangdong AiPower New Energy Technology Co., Ltd.





DC EV CHARGERS

AC EV CHARGERS





Profile

100+

R&D and Service Staff

75

Patents

20,000m²

Factory

- China leading EV charger manufacturer.
- Founded in 2015.
- Registered Capital : 14.5 million USD(=100 million RMB).
- Area of factory : 20,000 square meters.
- Factory Certification : ISO45001, ISO14001, ISO9001, IATF16949.
- Service : OEM, ODM, Customization.
- Sub-companies producing metal housings, PCBA & designing power modules.
- Main Customers: BYD, Chery, WULING Motors, GAC Motor; SANY, XCMG, LIUGONG, LONKING, etc.



DC EV CHARGER

80kW/120kW/160kW/200kW/240kW

European-Standard



Features

- **RELIABLE AND SAFE;** IP54 and IK10; Design life up to 5 years; With protection of overload, over/under voltage, over-current, short-circuit, leakage current, over-temperature, ground, surge, emergency stop.
- **EFFICIENT AND SMART;** Max. Efficiency up to 95%; Supporting 4G, Ethernet, WIFI, OCPP.
- **USER FRIENDLY;** Multiple authentication and payment options; Cable management system for premium user experience; 10.1inch color touch screen.
- **FLEXIBLE APPLICATION;** Adaptive voltage range 200-1000 VDC.

Model	EVSED80KW-D2-EU	EVSED120KW-D2-EU	EVSED160KW-D2-EU
Input voltage	3/N/PE,400Vac±15%		
Grid frequency	50/60Hz		
Max input current	160A	230A	310A
Standby power consumption	<45W		
Output power	80kW	120kW	160kW
Output voltage	200-1000VDC		
Max output current	250A		
Charging efficiency	≥0.95		
EVSE-Vehicle protocol	DIN70121, ISO15118		
Protection	Leakage current protection, over/under voltage protection, over-current protection, short-circuit protection, surge protection, ground protection, emergency stop protection, over-temperature protection		
User interface			
Display	10.1 inch LCD display with touch panel		
Charging mode	RFID card swipe charging/password charging/QR charging/appointment charging/VIN code charging		
Supported languages	English (other languages require custom development)		
Firmware upgrade	OTA upgrade		
OCCP	OCCP1.6J		
Internet	4G/WIFI/Bluetooth/Ethernet		
Mechanical data			
Dimension (L*W*D)	1070mm*525.5mm*1597mm		
Plug length	Default 5m		
Cable specifications	4*50mm ² +1*35mm ² (4:L1,L2,L3,N;1:PE)		
Charging plug	CCS2		
Installation	Floor-standing		
Weight	304kG	321kG	338kG
Environment			
Ingress protection	IP 54		
Working temperature	-30°C ~ +50°C		
Humidity range	5% -95% (non-condensable state)		
Altitude	<2000 meters		
Cooling-down method	forced air cooling		
Noise	<75dB (distance of 1 meter /25°C, full power output)		
Certificate	CE & CB by TUV		

Model	EVSED200KW-D2-EU	EVSED240KW-D2-EU
Input voltage	3/N/PE,400Vac±15%	
Grid frequency	50/60Hz	
Max input current	380A	460A
Standby power consumption	<45W	
Output power	200kW	240kW
Output voltage	200-1000VDC	
Max output current	250A	
Charging efficiency	≥0.95	
EVSE-Vehicle protocol	DIN70121, ISO15118	
Protection	Leakage current protection, over/under voltage protection, over-current protection, short-circuit protection, surge protection, ground protection, emergency stop protection, over-temperature protection	
User interface		
Display	10.1 inch LCD display with touch panel	
Charging mode	RFID card swipe charging/password charging/QR charging/appointment charging/VIN code charging	
Supported languages	English (other languages require custom development)	
Firmware upgrade	OTA upgrade	
OCCP	OCCP1.6J	
Internet	4G/WIFI/Bluetooth/Ethernet	
Mechanical data		
Dimension (L*W*D)	1070mm*525.5mm*1597mm	
Plug length	Default 5m	
Cable specifications	4*50mm ² +1*35mm ² (4:L1,L2,L3,N;1:PE)	
Charging plug	CCS2	
Installation	Floor-standing	
Weight	355kG	372kG
Environment		
Ingress protection	IP 54	
Working temperature	-30°C ~ +50°C	
Humidity range	5% -95% (non-condensable state)	
Altitude	<2000 meters	
Cooling-down method	forced air cooling	
Noise	<75dB (distance of 1 meter /25°C, full power output)	
Certificate	CE & CB by TUV	

DC EV CHARGER

60kW/90kW/120kW/150kW

European-Standard



Features

- RELIABLE AND SAFE; IP54 and IK10; Design life up to 5 years; With protection of overload, over/under voltage, over-current, short-circuit, leakage current, over-temperature, ground, surge, emergency stop.
- EFFICIENT AND SMART; Max. Efficiency up to 95%; Supporting 4G, Ethernet, WIFI, OCPP.
- USER FRIENDLY; Multiple authentication and payment options; 10.1inch color touch screen with Android operation system.
- FLEXIBLE APPLICATION; Adaptive voltage range 200-1000 VDC.

Model	EVSED60KW-D2-EU01	EVSED90KW-D2-EU01
AC input		
Input rating	380V±15% 3ph	
Number of phase/ Wire	3ph / L1, L2, L3, PE	
Frequency	50/60 Hz	
Power factor	>0.98	
Current THD	<5%	
Efficiency	>95%	
Power output & Protection		
Output power	60kW	90kW
Voltage accuracy	±0.5%	
Current accuracy	±1%	
Output voltage range	200V-1000V DC	
Protection	Leakage current protection, over/under voltage protection, over-current protection, short-circuit protection, surge protection, ground protection, emergency stop protection, over-temperature protection	
User interface & Control		
Display	10.1 inch LCD screen & touch panel	
Support language	Android system (support all the major languages)	
Charge option	Charge options to be provided upon request: Charge by duration, Charge by energy, Charge by fee	
Charging interface	CCS 2	
Startup mode	Plug & charge/ RFID card/ APP	
Communication & Environmental		
Network	Ethernet, Wi-Fi, 4G	
Open charge point protocol	OCPP1.6J	
Operating temperature	-20 °C to 55°C (derating when over 55°C)	
Storage temperature	-40 °C to +70°C	
Humidity	≤95% relative humidity, non-condensing	
Altitude	Up to 2000 m (6000 feet)	
Mechanical & Compliance		
Ingress protection	IP 54	
Enclosure protection	Ik10 according to IEC 62262	
Cooling	Forced air	
Charging cable length	5m	
Dimension (W*D*H) mm	650*700*1750mm	
Weight	370kg	390kg
Certificate	CE by TUV	

Model	EVSED120KW-D2-EU01	EVSED150KW-D2-EU01
AC input		
Input rating	380V±15% 3ph	
Number of phase/ Wire	3ph / L1, L2, L3, PE	
Frequency	50/60 Hz	
Power factor	>0.98	
Current THD	<5%	
Efficiency	>95%	
Power output & Protection		
Output power	120kW	150kW
Voltage accuracy	±0.5%	
Current accuracy	±1%	
Output voltage range	200V-1000V DC	
Protection	Leakage current protection, over/under voltage protection, over-current protection, short-circuit protection, surge protection, ground protection, emergency stop protection, over-temperature protection	
User interface & Control		
Display	10.1 inch LCD screen & touch panel	
Support language	Android system (support all the major languages)	
Charge option	Charge options to be provided upon request: Charge by duration, Charge by energy, Charge by fee	
Charging interface	CCS 2	
Startup mode	Plug & charge/ RFID card/ APP	
Communication & Environmental		
Network	Ethernet, Wi-Fi, 4G	
Open charge point protocol	OCPP1.6 J	
Operating temperature	-20 °C to 55°C (derating when over 55°C)	
Storage temperature	-40 °C to +70°C	
Humidity	≤95% relative humidity, non-condensing	
Altitude	Up to 2000 m (6000 feet)	
Mechanical & Compliance		
Ingress protection	IP 54	
Enclosure protection	Ik10 according to IEC 62262	
Cooling	Forced air	
Charging cable length	5m	
Dimension (W*D*H) mm	650*700*1750mm	
Weight	420kg	450kg
Certificate	CE by TUV	

AC EV CHARGER

7kW/11kW/22kW

European-Standard



Features

- Industrial-grade outdoor design. Product is optimized for harsh outdoor environments.
- Lightning protection, over-and-under-voltage protection, leakage protection, over-current protection, etc.
- Easy to use. RFID, Plug & Charge, App.
- Emergency stop button switch. Product can quickly cut off the output power when suffer incident.
- Equipped with an LCD. Display voltage, current, time, power and other information in real time during the charging process.
- Flexible optional configurations. Ethernet, 4G, WIFI.
- Easy to install, operate and maintain.

Model	EVSE871A-EU	EVSE811A-EU	EVSE821A-EU
Input & output			
Output power	7kW	11kW	22kW
Input voltage	AC 230V	AC 400V	AC 400V
Output voltage	AC 230V	AC 400V	AC 400V
Output current	32A	16A	32A
Protection level	IP54		
Charging plug	Type 2 (Default 5m)		
Communication & UI			
Charging method	RFID Card, Plug & Charge/APP		
Function	WIFI, 4G, Ethernet (optional)		
Protocol	OCPP1.6J (optional)		
Screen	2.8 inch LCD Color Screen		
Installation	Wall Mounted / Upright Column(Opt.)		
Others			
Dimension	355*230*108mm(H*W*D)		
Weight	6KG		
Operating temperature	-25°C~+50°C		
Environment humidity	5%-95%		
Altitude	<2000 meter		
Protection measure	Over Current, Under Voltage, Over Voltage, Residual Current, Surge Protection, Short Circuit, Over Temperature, Ground Fault		

Appearance



Upright Column



Wall Mounted



Type 2

Portable EV Charger

3.5kW/7kW

Chinese-Standard

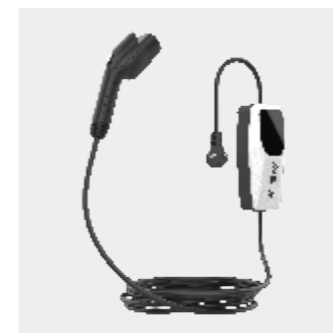


Features

- Maximum 32A high current charging, backward compatible with 6A, 8A, 10A, 13A, 16A, 20A, 24A.
- Handle length 103mm, rounded corner design, and the design of non-slip line, more in line with European and American ergonomic design.
- It comes with temperature detection, which can avoid hidden dangers caused by high temperature.
- Various charging protections, to ensure the stable operation of products.
- Can make an appointment to charge, more cost savings.
- Residential areas, commercial places, industrial parks, enterprises and institutions, etc.
- The outer shell is made of durable thermoplastic material, providing longevity and reliability.
- The control box is waterproof, Dust-proof, and pressure-proof.
- Safe charging, including leakage protection, over-temperature protection, surge protection, over-current protection, automatic power-off, under-voltage protection, and over-voltage protection.

Model	EVSEP-3-GB	EVSEP-7-GB
Product information		
Output power	3.5kW	7kW
Display current	6A/8A/10A/ 13A/16A	6A/8A/10A/13A/ 16A/20A/24A/32A
Optional fixed current	6A/8A/10A/ 13A/16A	6A/8A/10A/13A/ 16A/20A/24A/32A
Product specification		
Operating temperature	-25°C~+50°C	
Cable length	5m (Customizable)	
Protection level	IP54(Plug)/IP65(Control box)	
Working voltage	220V	
Shell material	Thermoplastic material	
UV protection	Yes	
Cable material	TPE	
Display screen	OLED	
Protection design	leakage protection, over temperature protection, surge protection, Over-current protection, automatic power-off, undervoltage protection, Over-voltage protection, CP failure	

Appearance



Product



Charging Plug



GB/T

Portable EV Charger

3.5kW/7kW/11kW

European-Standard



Model	EVSEP-3-EU	EVSEP-7-EU	EVSEP-11-EU
Product information			
Output power	3.5kW	7kW	11kW
Display current	6A/8A/10A/ 13A/16A	6A/8A/10A/13A/ 16A/20A/24A/32A	6A/8A/10A/ 13A/16A
Optional fixed current	6A/8A/10A/ 13A/16A	6A/8A/10A/13A/ 16A/20A/24A/32A	6A/8A/10A/ 13A/16A
Product specification			
Operating temperature	-25°C~+50°C		
Cable length	5m (Customizable)		
Protection level	IP54(Plug)/IP65(Control box)		
Working voltage	220V/380V		
Shell material	Thermoplastic material		
UV protection	Yes		
Cable material	TPU		
Certificate	CE		
Protection design	leakage protection, over temperature protection, surge protection, Over-current protection, automatic power-off, undervoltage protection, Over-voltage protection, CP failure		

Features

- Maximum 32A high current charging, backward compatible with 6A, 8A, 10A, 13A, 16A, 20A, 24A.
- Handle length 103mm, rounded corner design, and the design of non-slip line, more in line with European and American ergonomic design.
- It comes with temperature detection, which can avoid hidden dangers caused by high temperature.
- Various charging protections, to ensure the stable operation of products.
- Can make an appointment to charge, more cost savings.
- Residential areas, commercial places, industrial parks, enterprises and institutions, etc.
- The outer shell is made of durable thermoplastic material, providing longevity and reliability.
- The control box is waterproof, Dust-proof, and pressure-proof.
- Safe charging, including leakage protection, over-temperature protection, surge protection, over-current protection, automatic power-off, under-voltage protection, and over-voltage protection.

Appearance



Product



Charging Plug



Type 2

Portable Multi-plug EV charger

European-Standard



Features

- Suitable for up to 28 types of protocol power adapter, free replacement to meet the use of different countries and regions.
- Handle length 103mm, round corner, and the design of non-slip line, more in line with European and American ergonomic design.
- Coming with temperature detection, which can avoid hidden dangers caused by high temperature.
- Automatic fault repair, to ensure the stable operation of products.
- Able to make an appointment to charge, more cost savings.
- Intelligent plug identification; Automatic adjusting of maximum safe current.

Model	EVSEPR-1-EU
Product specification	
Max. Voltage	230V / 400V
Rated current	16A-32A
Operating temperature	From -30°C to +50°C
Protection level	IP54/IP65
Rubber shell flame retardant grade	UL94V-0
Insert and remove life (No load)	≥10000 times
Insertion force	<100N
Cable length	5m (Customizable)

Appearance



Product



Aviation Connector



Type 2













AC Portable Charger

3.5kW/7kW

European-Standard



Features

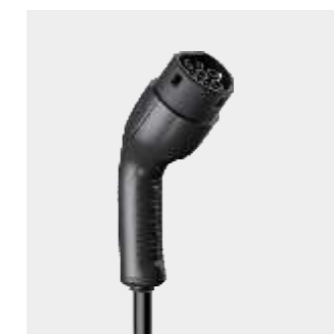
- 
Over voltage Protection
- 
Undervoltage Protection
- 
Lightning Protection
- 
IP65
- 
Overtemperature Protection
- 
Fully Certified
- 
Grounded/ Ungrounded
- 
HCI
- 
Overcurrent Protection
- 
OTA
- 
Leakage Protection
- 
CE by TUV

Model	EVSEP-3-EU	EVSEP-7-EU
Operating Voltage	230Vac±15%	
Output power	3.5kW	7kW
Output Current(max)	16A	32A
Operating Frequency	50/60Hz	
Rated charging Current (max)	16A(max)	32A(max)
Rated Input/Output Voltage	230Vac	
Operating temperature	-25°C~+50°C	
Storage Temperature	-40°C~+60°C	
Overvoltage Protection	265V	
HCI	Touch Key + 2.8 Inch Display	
Overcurrent Protection	110% of rated output	
Leakage Protection	AC/A+DC6mA	
CP voltage protection	±1V	
Overtemperature	85°C(protection) 65°C(resumption)	
Protection design	Lightning Protection, Relay Sticking, Grounding	
Undervoltage Protection	175v	
Waterproof Rating	IP 65	
Package Size	400*360*95 mm	
Body Size	225*80*56 mm	
Input Line Length	0.5 m	
Output Line Length	5 m	
Net Weight	2.22 kg	
Gross Weight	2.56 kg	

Appearance



Product



Charging Plug



Type 2

EV CHARGER ADAPTER

EV CHARGER ADAPTER



European standard to China standard single-phase charging adapter

TYPE 2-GBT(1 PHASE) Adapter

Rated current: **32A Max**
 Rated voltage: **250V AC**
 Waterproof grade: **IP54(after mating)**
 Housing: **Thermoplastic plastic**
 Conductor: **Copper alloy, silver plated**
 Working environment temperature: **-30°C~+50°C**
 Product Net Weight: **0.37kg**
 Product size: **178*64.69*64.69mm**



European standard to American standard charging adapter

TYPE 2-J1772 Adapter

Rated current: **32A Max**
 Rated voltage: **250V AC**
 Waterproof grade: **IP54(after mating)**
 Housing: **Thermoplastic plastic**
 Conductor: **Copper alloy, silver plated**
 Working environment temperature: **-30°C~+50°C**
 Product Net Weight: **0.35kg**
 Product size: **172.54*64.69*74.82mm**



US standard to Tesla charging adapter

J1772-NACS Adapter

Rated current: **60/80A**
 Rated voltage: **240V AC**
 Waterproof grade: **IP54(after mating)**
 Housing: **Thermoplastic plastic**
 Conductor: **Copper alloy, silver plated**
 Working environment temperature: **-30°C~+50°C**
 Product Net Weight: **0.19kg**
 Product size: **87.4*50.96*60.76mm**



European standard to American standard DC/AC charging adapter

CCS2-CCS1(DC+AC) Adapter

Rated current: **250A DC/80A AC**
 Rated voltage: **1000V DC / 250V AC**
 Waterproof grade: **IP54(after mating)**
 Housing: **Thermoplastic plastic**
 Conductor: **Copper alloy, silver plated**
 Working environment temperature: **-30°C~+50°C**
 Product Net Weight: **0.85kg**
 Product size: **149.85*68.25*109.23mm**



European standard to China standard three-phase charging adapter

TYPE 2-GBT(3 PHASE) Adapter

Rated current: **32A Max**
 Rated voltage: **380V AC**
 Waterproof grade: **IP54(after mating)**
 Housing: **Thermoplastic plastic**
 Conductor: **Copper alloy, silver plated**
 Working environment temperature: **-30°C~+50°C**
 Product Net Weight: **0.42kg**
 Product size: **178*64.69*64.69mm**



European standard to Tesla AC charging adapter

TYPE 2-NACS AC Adapter

Rated current: **80A**
 Rated voltage: **110-250V AC**
 Waterproof grade: **IP54(after mating)**
 Housing: **Thermoplastic plastic**
 Conductor: **Copper alloy, silver plated**
 Working environment temperature: **-30°C~+50°C**
 Product Net Weight: **0.34kg**
 Product size: **119.9*62.5*62.5mm**



European standard to Tesla DC charging adapter

CCS2-NACS DC+AC Cybertruck Adapter

Rated current: **250A DC/80A AC**
 Rated voltage: **1000V AC / 240V AC**
 Waterproof grade: **IP54(after mating)**
 Housing: **Thermoplastic plastic**
 Conductor: **Copper alloy, silver plated**
 Working environment temperature: **-30°C~+50°C**
 Product Net Weight: **0.85kg**
 Product size: **172.15*69.6*104.63mm**



Nacs to European standard DC/AC charging adapter

NACS-CCS2 DC/AC Adapter

Rated current: **250A DC/80A AC Max**
 Rated voltage: **1000V AC / 240V AC**
 Waterproof grade: **IP54(after mating)**
 Housing: **Thermoplastic plastic**
 Conductor: **Copper alloy, silver plated**
 Working environment temperature: **-30°C~+50°C**
 Product Net Weight: **1.12kg**
 Product size: **152.2*69.3*100.3mm**

