

The AC charging products provide AC charging power supply for electric vehicles by means of advanced embedded control technology, and exhibit multiple charging modes and intelligent management and comply with the latest national charging standards. The AC charging products have the functions of overcurrent protection, short-circuit protection, leakage protection and emergency stop, etc. The friendly HMI is characterized by simple and convenient use, strong applicability to environment, stability and reliability. With the features of simple operation, convenient and reliable use, and small floor area, the AC charging pile products are mainly applied in the places of small floor space including the existing garages and parking lots, etc.

Three-phase AC charging pole

◆ Display modes

Friendly visual operation, display of multiple information, prompt information, IC car information and charge related information

◆ Control modes

Multiple charging modes: automatic charge, charge based on battery level, charge based on amount and charge based on time

◆ Billing management

The electric energy collection system and billing system provide accurate consumption data, and payment can be made by means of IC card, mobile phone APP, Alipay and WeChat, etc.

◆ Automatic stop and audible/visual alarm

During charge of battery banks by matching on-board chargers, the equipment stops automatically and reminds through light when any of charging time and charging capacity satisfies the requirements; when overvoltage, overcurrent and connection faults occur to chargers, the equipment stops automatically, enters the protection state, displays fault contents and issues audible/visual alarm.

◆ Power down memory function

After power down all records are not lost, and charge can be resumed after re-energization.

◆ High reliability

Industrial grade design, good thermal adaptability, long service life, and IP54 protective class.

◆ Installation methods

Floor type: equipped with columns; wall-mounted: equipped with holders; and integrated floor type



Single-phase AC charging pile

◆ Display modes

Friendly visual operation, display of multiple information, prompt information, IC car information and charge related information.

◆ Billing management

The electric energy collection system and billing system provide accurate consumption data, and payment can be made by means of IC card, mobile phone APP, Alipay and WeChat, etc.

◆ Automatic stop and fault indication

During charge of electric vehicles, batteries stop automatically after full charge, and remind users in the mode of indicator lamp. When undervoltage, overcurrent, short-circuit, leakage and connection faults occur, charging piles stop automatically, and alarm through indicator amp.

◆ Strong compatibility

Charge is compatible with all new energy electric vehicles that comply with the national standards, and double charging guns when connected are compatible with the electric vehicles in compliance with different interface standards such as European standards and American standards, etc.

◆ High reliability

Industrial grade design, good thermal adaptability, long service life, and IP54 protective class.

◆ Installation methods

Floor type: equipped with columns; wall-mounted: equipped with holders; and integrated floor type

Technical indicators

Model	EVA-07-220
Input voltage	AC220V ± 15%
Scope of AC frequency	50 / 60Hz ± 10%
Output voltage	AC220V ± 15%
Maximum output current	32A
Insulating property	≥ 10MΩ (output-enclosure)
Protection functions	Input overvoltage, undervoltage, overcurrent, short circuit, leakage and output current limit, etc.
Communication interfaces	Ethernet communication, 3G, 4G, Wifi and GPRS
Operating environment	Altitude ≤ 2000m, temperature -20~50°C and humidity 95%
Reliability	MTBF ≥ 100000Hrs
Dimensions (W×D×H) mm	300*130*420 (wall-mounted) 360*300*1470 (floor type) 280*280*1050 (column components)
Weight	10kg / 18kg / 64kg

Technical indicators

Model	EVA-42-380
Input voltage	AC380V ± 15%
Scope of AC frequency	50 / 60Hz ± 10%
Output voltage	AC380V ± 20%
Maximum output current	63A
Insulating property	≥ 10MΩ (output-enclosure)
Protection functions	Input overvoltage, undervoltage, overcurrent, short circuit, leakage and output current limit, etc.
Communication interfaces	Ethernet communication, 3G, 4G, Wifi and GPRS
Operating environment	Altitude ≤ 2000m, temperature -20~50°C and humidity 95%
Reliability	MTBF ≥ 100000Hrs
Dimensions (W×D×H) mm	470*180*610 (wall-mounted) 460*300*1600 (floor type) 280*280*1050 (column components)
Weight	35kg / 45kg / 90kg

The AC pile & advertising machine is a product integrating charging pile and advertising machine, and in technical parameters the video play function on advertising screen is added on the basis of 7KW enhanced AC charging piles, which can not only charge new energy vehicles, but also display advertisements online to serve multiple purposes; and exhibit clear picture quality and powerful stereoscopic impression. The AC pile & advertising machine can be placed in parking lots in public areas including residential communities of commercial buildings, etc., and the whole network can be managed uniformly.

1. LG32" display screen with luminance up to 1500nit and design life of 50000H is adopted;
2. Highlight display screen is clearly visible in the sun at 178° visual angle;
3. Display screen is equipped with automatic photosensitive system, which can change the luminance of display screen according to ambient light;
4. Background server can control the contents (both local videos and network videos) played on the screen remotely;
5. Background server can control play of multiple machines simultaneously (separate play or simultaneous play).

◆ Display modes

Friendly visual operation, display of multiple information, prompt information, IC car information and charge related information

◆ Billing management

The electric energy collection system and billing system provide accurate consumption data, and payment can be made by means of IC card, mobile phone APP, Alipay and WeChat, etc.

◆ Automatic stop and fault indication

During charge of electric vehicles, batteries stop automatically after full charge, and remind users in the mode of indicator lamp. When undervoltage, overcurrent, short-circuit, leakage and connection faults occur, charging piles stop automatically, and alarm through indicator lamp.

◆ Strong compatibility

Charge is compatible with all new energy electric vehicles that comply with the national standards, and double charging guns when connected are compatible with the electric vehicles in compliance with different interface standards such as European standards and American standards, etc.

◆ High reliability

Industrial grade design, good thermal adaptability, long service life, and IP54 protective class

◆ Installation methods

Integrated floor type



Technical indicators

Model	EVA-07-220
Input voltage	AC220V ± 15%
Range of AC frequency	50 / 60Hz ± 10%
Output voltage	AC220V ± 15%
Maximum output current	32A
Insulating property	≥ 10MΩ (output-enclosure)
Protection functions	Input overvoltage, undervoltage, overcurrent, short circuit, leakage and output current limit, etc
Communication interfaces	Ethernet communication, 3G, 4G, Wifi, GPRS and bluetooth
Operating environment	Altitude ≤ 2000m, temperature -20~50°C and humidity 95%
Reliability	MTBF ≥ 100000Hrs
Dimensions (W×D×H) mm	750*400*1830
Weight	126kg

As an intelligent charging product integrating the functions of charging cabinet, charging pile and distribution system, etc. the mobile DC charger is mainly used for quick boosting charge in emergencies and applicable to road rescue of new energy vehicles as well as large buses and logistic vehicles. The whole charger is portable and flexible without need of the fixed installation site. The mobile DC charger achieves main functions of man-machine interaction, swiping card, billing, monitoring and communication, etc. in the minimum equipment space.

- ◆ Fully automatic charge by swiping card
- ◆ High protective class and complete protection functions
- ◆ Wide range of output voltage, applicable to various vehicle models
- ◆ Suitable for independent and decentralized installation with small floor area and without need of special ancillary facilities
- ◆ Small harmonic components for greening and environmental protection
- ◆ Safe, reliable and unattended



Technical indicators

Model and specification	EVD20-15/30	EVD20-20/40	
Power of single module	15KW	20KW	
Power	15/30	20/40	
Output voltage	DC200~500V	DC300~750V	DC200~750V
Output current	0~60A	0~40A	0~60A
Input voltage	AC380 ± 15%		
Output ripple factor	≤ 1%		
Stabilized voltage precision	≤ ± 0.5%		
Stabilized current precision	≤ ± 1%		
Working efficiency	≥ 95.5%		
Number of containable modules	2		
Number of output interfaces	1		
Safety protection	Insulation resistance ≥ 10MΩ, withstand voltage 2500VAC, protective class: IP54		
Cooling mode	Intelligent air cooling		
Communication interfaces	Ethernet communication, 3G, 4G and Rs485		
Operating environment	Altitude ≤ 2000m, ambient temperature -30°C ~ 65°C, and humidity: 95%		
Reliability	MTBF ≥ 100000Hrs		
Dimensions (W×D×H) mm	350*700*695		
Weight	50kg		