

Product CATALOG



Desertvolt Electric Systems is the exclusive agent Middle East for the distribution, sales, and marketing of Wenzhou Mengchen EV Manufacturing CO., LTD in China, a leading manufacturer of EV chargers. At the heart of Dubai, DesertVolt HQ is strategically located to effectively manage business operations and provide support to all regional distributors.

Wenzhou Mengchen EV is a technology enterprise dedicated to professional research and development, and production of high-end intelligent charging station equipment. The factory holds complete industry qualification certifications such as EN IEC 62196-1:2022, EN IEC 62196-2:2022, and EN IEC 61851-1:2019. The factory focuses on continuous development and quality assurance of its products. Currently, it has developed and produced over 100 charging products across 10+ categories, including DC-integrated charging stations, DC split charging stations, and wall-mounted AC/DC stations.

DesertVolt has earned continuous trust of many customers by maintaining an unwavering commitment to quality and providing high-quality pre-sales, sales, and after-sales services. The company provides exceptional services to both new and existing customers and is committed to collaborating wholeheartedly to achieve success in the future.



Technological
innovation

High Safety and Reliability

- Industrial components and air duct design can cope with all harsh environments with low failure rate, extending the service life.
- Multiple protection functions during charging make charging safer and more reliable.
- Safe and reliable modular configuration is easy to install, maintain, and expand.
- Stable system architecture: high-performance ARM chip and linux operating system are adopted to achieve stability and operation control capability.



High Compatibility

- National standard interface and protocol are compatible with all electric vehicles.
- Full digital design, remote diagnosis of charging fault based on the mastered operation parameters of charging station through monitoring platform, engaging in improving the efficiency of on-site operation and maintenance High Operating Efficiency.

High Operating Efficiency

- The most efficient charging module, with the efficiency up to 96%, is adopted to effectively reduce operation consumption
- Intelligent distribution of power dynamics for more efficient charging and higher charging revenue.
- Constant power charging and various energy-saving designs with higher efficiency, lower loss, and lower cost.

Mengchen New Energy Operation Platform

99% Available New Energy

Compatible with various new energy.

national standard vehicle models.

All available new national.

standard AC charging ports.

Enabling Management



Support for direct connection, franchise and other merchants Provision of station real-time monitoring and intelligent settlement, with clear data sorting Provision of comparison between competing stores to know ourself as well as the competing stores for precise marketing.



Timely Response

Vehicle owner service,24-hour customer service online Intelligent dispatching and intelligent recommendation.



Sharing Flow

Access to 8000 fast charging stations from 60+charging operators as well as 6500+ new energy online car-hailing and 8500+ new energy logistics vehicles continuous connectivity with government regulation, B-end enterprise platform, etc. aiming to enable users of the platform to share traffic and data, operate cooperatively and maximize benefits.



Datamation, Processize and Modularization

Realization of real-time monitoring, flexible operation and accurate settlement for charging stations Improvement of overall operation efficiency and realization of benefit increase for merchants based on big data and calculation.



Mengchen New
Energy Operation
Platform

Production Strengths

We Manufacture EV charger at Liushi Town
— City of Electrical Appliances Known as the
production place of 60% low-voltage products in
China.

Mechanized Assembly Line Workshop

Contribute to the world's new energy



Core System



Realization of real-time monitoring, flexible operation and accurate settlement for charging stations
Improvement of overall operation efficiency and realization of benefit increase for merchants based on big data and calculation.

Core System



Research and Development System

30+ existing high-tech talents (including Doctor, Master, Professor-level Senior Engineer and Senior Engineer) focus on developing new energy infrastructure Products, and they are committed to providing you with the best new energy solutions.



Manufacturing System

Industry-leading manufacturing system and independent production area adoption of internationally advanced and domestically mature first-class equipment for product quality assurance.



Marketing System

High-quality marketing personnel at home and abroad and global service network for the provision of timely and considerate purchase information and the best purchase configuration combination for you.



Engineering System

Professional system solution suppliers are able to provide you with high-quality projects, such as scheme design, engineering design, process design, system integration, etc.



Customer Service System

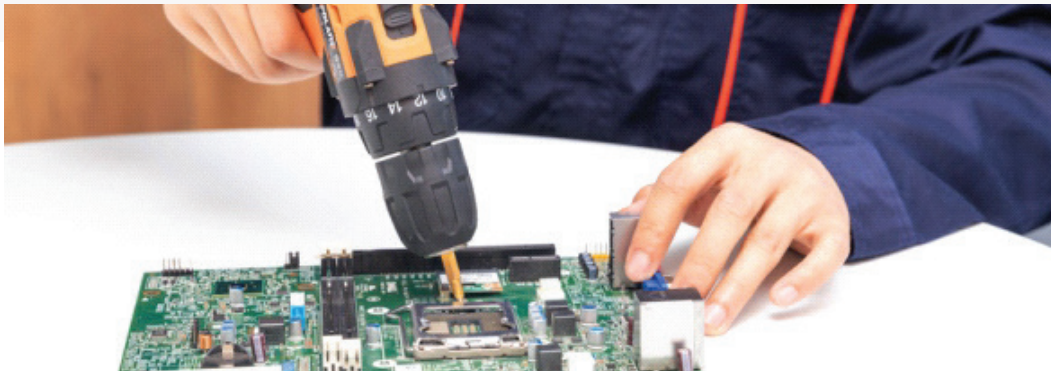
Professional after-sales service team and quick response are able to provide you with high-quality tracking and equipment services, user training services and installation.



Production Equipment

Over the years: We have always adhered to advanced production equipment, strict quality management, and sophisticated production testing procedures to ensure the excellent performance of each product.

Excellent staff team, sophisticated production equipment. Accurate production management and standardized operating procedures are the foundation of Mengchen Import and Export and the cornerstone of achieving large-scale production and high quality.



ENTERPRISE QUALIFICATION

The Company has obtained several national invention patents to ensure its own technical leadership and uniqueness; simultaneously, EV Mengchen has presided over and participated in multiple national and Zhejiang provincial key scientific research projects and national and industrial standards, and made a break-through to solve many technical problems in network applications such as the ecological construction of new energy automobiles, intelligent charging field, etc.



New energy charging station series

Contribute to the world's new energy!



Model: CLX-AC-001
3.5KW (CLX-AC-3.5KW)

AC Charging Box

Enclosure material thermoplastic with the flame retarded grade of UL94V-0

Terminal: copper alloy, silver plated

Working ambient temperature: -30°C~+50°C

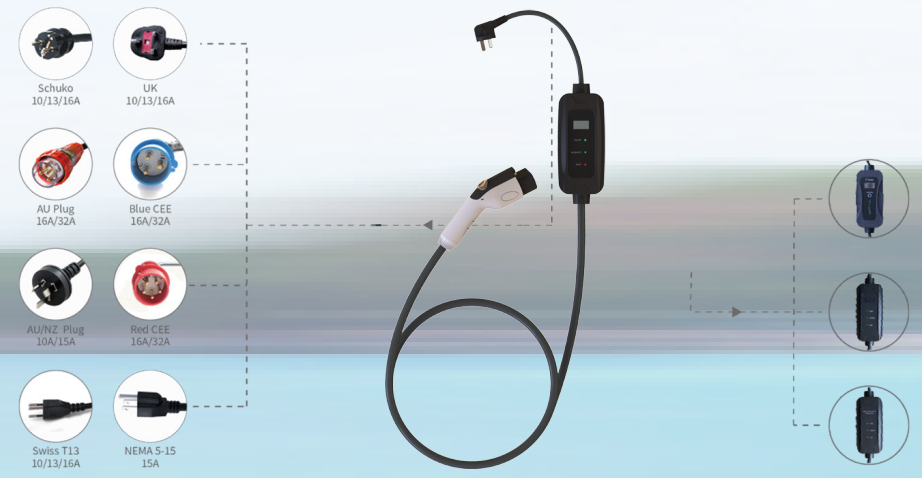
Rated working current: 10A/15A

Working voltage: 250V

Insulation resistance: >1000MQ(DC500V)

Product parameters

Product name	Portable AC Charging Box(Plastic Type)
Model	CLX-AC-3.5KW
Outline dimension (mm)	300*150*150
Human-machine interaction	LED indicator
AC power supply	220Vac±20% ; 50Hz± 10% ; L+N+PE
Rated current	16A
Output power	3.5kW
Working environment	Altitude: ≤2000m; Temperature: -20°C~+50°C;
Charging method	Plug & charge
Networking method	None
Operating mode	None
Protection function	Overvoltage, undervoltage, overcurrent, short circuit, etc
Charging interface	Type1/Type2/GB/T
Charging cable length	Standard configuration 5m (optional)
Protection grade	IP 54
Package Dimension	400*400*80mm
Gross Weight	2.4kg



Model: MCGJ-SC-001

Star Charge Series

7KW/11KW Wall Mounted AC Charger

Product parameters

Data Specifications:	AC charging station	
Model	MCGJ-SC-001-7kw	MCGJ-SC-001-11kw
Outline dimension(mm)	340*240*110	480*350*120
Human-machine interaction	4.3-inch display screen	
AC power supply	220Vac±20% ; 50Hz±10% ; L+N+PE	380Vac+20%;50H210%;3L+N+PE
Rated current	32A	32A
Output power	7kw	11/22kw
Working environment	Altitude: ≤2000m;Temperature: -20°C~+50°C;	
Charging method	Plug & charge, POS, code scanning	POS, code scanning, password charging
Networking method	Ethernet, 4G, Wifi	
Operating mode	No charging offline, charging offline, online charging	
Charging mode	Plug & charge	
Charging interface	Type1/Type2/GB/T	
charging cable length	Standard configuration 5m (Customization possible)	
Protection grade	IP 54	
Ingress Protection	IK 10	
Package dimension	400*350*200mm	
Gross weight	7kg	
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, surging, electric leakage,etc.	
Certification	CE	
Certification standard	ISO15118, EN61851, EN62196	
Communication protocol	OCPP 1.6	
installation method	Wall-mounted installation or floor-mounted installation, and corresponding accessories shall be equipped	



Model: MCGJ-SC-002

Star Charge Series

22KW/44KW AC Charger

Product parameters

Data Specifications:	AC charging station	
Model	MCGJ-SC-002-22kw	MCGJ-SC-002-44kw
Outline dimension(mm)	500*300*130	
Human-machine interaction	4.3-inch display screen	
AC power supply	380V(three phase-phase) ac±20% ; 50Hz~60Hz ; 3L+N+PE	
Rated current	32A+32A(each gun)	
Output power	2*11kw	2*22kw
Working environment	Altitude: ≤2000m;Temperature: -20°C~+50°C;	
Charging method	Plug & charge, POS, code scanning	
Networking method	Ethernet, 4G, Wifi	
Operating mode	No charging offline, charging offline, online charging	
Charging mode	Plug & charge	
Charging interface	Type1/Type2/GB/T	
charging cable length	Standard configuration 5m (Customization possible)	
Protection grade	IP 54	
Ingress Protection	IK 10	
Package dimension	720*470*200mm	
Gross weight	17.5kg	
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit.,etc.	
Certification	CE	
Certification standard	ISO15118, EN61851, EN62196	
Communication protocol	OCPP 1.6	
installation method	Wall-mounted installation or floor-mounted installation, and corresponding accessories shall be equipped	



Model: CLX-AC-002

Vajra Series

(CLX-AC-7KW / CLX-AC-11/22KW)

7/11/22KW AC Charging Station

The AC charging station provides 50Hz AC power supply with rated voltage of 220V/380V for charging electric vehicles with on-board chargers, which is mainly applicable to the following places: large, medium and small electric automobile charging stations; various public places with electric automobile parking spaces, such as urban residential communities, shopping plazas, electricity business places, etc.; various transport hub areas, such as service zone at motorway, bus station, wharf, etc.; as well as acceptance requirements of real estate and engineering construction.

Product parameters

Product name	AC charging station (platinum)	
Model	CLX-AC-7KW	CLX-AC-11/22KW
Outline dimension(mm)	340*240*110	480*350*120
Human-machine interaction	4.3-inch display screen	4.3-inch display screen
AC power supply	220Vac±20% ; 50Hz±10% ; L+N+PE	380Vac±20%;50H210%; 3L+N+PE
Rated current	32A	32A
Output power	7kW	11/22kW
Working environment	Altitude: ≤2000m;Temperature: -20°C~+50°C;	
Charging method	Plug & charge, POS, code scanning	POS, code scanning, password charging
Networking method	Ethernet, 4G, Wifi	
Operating mode	No charging offline, charging offline, online charging	
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, surging, electric leakage,etc.	
Charging interface	Type1/Type2/GB/T	
Charging cable length	Standard configuration 5m (optional)	
Protection grade	IP 54	
Installation method	Wall-mounted installation or floor-mounted installation, and corresponding accessories shall be equipped	
Package Dimension	400*350*200mm	
Gross Weight	7kg	



Model: CLX-AC-003

Lingdong Series

(CLX-AC-7KW / CLX-AC-11/22KW)

7/11/22KW AC charging station

The AC charging station provides 50Hz power supply with rated voltage of 220V/ 380V for charging electric vehicles with on board chargers, which is mainly applicable to the following places: homes, urban residential communities, shopping plazas, schools ,hospitals, etc.

Product parameters

Product name	AC charging station	
Model	CLX-AC-7KW	CLX-AC-11/22KW
Outline dimension(mm)	350*240*120	
Human-machine interaction	LED indicator	
AC power supply	220V/380V(Single-phase/three-phase) ac+20%; 50Hz-60Hz;	
Rated current	32A	
Output power	7kW	11/22kW
Working environment	Altitude: ≤2000m;Temperature: -20°C~+50°C;	
Charging method	Plug & charge	
Networking method	None	
Operating mode	None	
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, etc	
Charging interface	Type2/GB/T	
Charging cable length	Standard configuration 5m (optional)	
Protection grade	IP 54	
Installation method	Wall-mounted installation, need to be matched with the corresponding accessories	
Package Dimension	500*350*300mm	
Gross Weight	11kg	



Model: CLX-AC-004

Lingdong Series

(CLX-AC-7KW / CLX-AC-11/22KW)

7/11/22KW AC charging station

The AC charging station provides 50Hz power supply with rated voltage of 220V/ 380V for charging electric vehicles with on board chargers, which is mainly applicable to the following places: homes, urban residential communities, shopping plazas, schools, hospitals, etc.

Product parameters

Product name	AC charging station	
	CLX-AC-7KW	CLX-AC-11/22KW
Model	CLX-AC-7KW	CLX-AC-11/22KW
Outline dimension(mm)	400*280*150	
Human-machine interaction	LED indicator	
AC power supply	220V/380V(Single-phase/three-phase) ac+20%;50Hz-60Hz;	
Rated current	32A	
Output power	7kW	11/22kW
Working environment	Altitude: ≤2000m;Temperature: -20°C~+50°C;	
Charging method	Plug & charge	
Networking method	None	
Operating mode	None	
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, etc	
Charging interface	Type2/GB/T	
Charging cable length	Standard configuration 5m (optional)	
Protection grade	IP 54	
Installation method	Wall-mounted installation, need to be matched with the corresponding accessories	
Package Dimension	450*350*250mm	
Gross Weight	7.6kg	



Model: CLX-AC-006

Lingdong Series

(CLX-AC-7KW / CLX-AC-11/22KW)

7/11/22KW AC charging station (residential household)

The AC charging station provides 50Hz power supply with rated voltage of 220V/ 380V for charging electric vehicles with on board chargers, which is mainly applicable to residential household.

Product parameters

Product name	AC charging station	
Model	CLX-AC-7KW	CLX-AC-11/22KW
Outline dimension(mm)	330*200*120	
Human-machine interaction	4.3 inch display, LED indicator	
AC power supply	220V/380V(Single-phase/three-phase) ac+20%; 50Hz-60Hz;	
Rated current	32A	
Output power	7kW	11/22kW
Working environment	Altitude: ≤2000m;Temperature: -20°C~+50°C;	
Charging method	Plug & charge	
Networking method	None	
Operating mode	None	
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, etc	
Charging interface	Type2/GB/T	
Charging cable length	Standard configuration 5m (optional)	
Protection grade	IP 54	
Installation method	Wall-mounted installation, need to be matched with the corresponding accessories	
Package Dimension	400*300*250mm	
Gross Weight	3kg	



Model: CLX-AC-007

Lingdong Series

Lingzhi series (CLX-AC-2*11/2*22KW)

7KW AC charging station

The AC charging station provides 50Hz AC power supply with rated voltage of 380V for charging electric vehicles with on-board chargers, which is mainly applicable to the following places: large, medium and small electric automobile charging stations; various public places with electric automobile parking spaces, such as urban residential communities, shopping plazas, electricity business places, etc.; various transport hub areas, such as a service zone at motorway, bus station, wharf, etc.; as well as acceptance requirements of real estate and engineering construction.

Product parameters

Product name	AC charging station
Model	CLX-AC-2*11/2*22KW
Outline dimension(mm)	500*300*130
Human-machine interaction	4.3 inch display
AC power supply	380V(Single-phase) ac±20%;50Hz~60Hz;3L+N+PE
Rated current	32A
Output power	2*11/2*22KW
Working environment	Altitude: ≤2000m; Temperature: -20°C~+50°C;
Charging method	Plug & charge, POS, code scanning
Networking method	Ethernet, 4G, Wifi
Operating mode	No charging offline, charging offline, online charging
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, etc
Charging interface	Type2/GBT
Charging cable length	Standard configuration 5m (optional)
Protection grade	IP 54
Installation method	Column type installation, need corresponding accessories
Package Dimension	720*470*200mm
Gross Weight	17.5kg



Model: CLX-AC-008

Lingzhi series

(CLX-AC-14KW)

2*11/2*22KW AC charging station

The AC charging station provides 50Hz AC power supply with rated voltage of 220V for charging electric vehicles with on-board chargers, which is mainly applicable to the following places: large, medium and small electric automobile charging stations; various public places with electric automobile parking spaces, such as urban residential communities, shopping plazas, electricity business places, etc.; various transport hub areas, such as service zone at motorway, bus station, wharf, etc.; as well as acceptance requirements of real estate and engineering construction.



Product parameters

Product name	AC charging station(sheet metal type)
Model	CLX-AC-14KW
Outline dimension(mm)	1400*300*200
Human-machine interaction	4.3 inch touch screen
AC power supply	380V(Single-phase) ac±20%;50Hz~60Hz;3L+N+PE
Rated current	32A
Output power	2*11/2*22KW
Working environment	Altitude: ≤2000m;Temperature: -20°C~+50°C;
Charging method	Password, POS, code scanning
Networking method	Ethernet, 4G, WiFi
Operating mode	No charging offlion, charging offline, online charging
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, etc
Charging interface	Type2/GBT
Charging cable length	Standard configuration 5m (optional)
Protection grade	IP 54
Installation method	Floor-mounted installation
Package Dimension	530*330*1400mm
Gross Weight	43kg



Model: CLX-AC-009

Delicacy Series

(CLX-AC-7KW)

7KW AC Charging Station

The AC charging station provides 50Hz AC power supply with rated voltage of 220V for charging electric vehicles with on-board chargers, which is mainly applicable to the following places: large, medium and small electric automobile charging stations; various public places with electric automobile parking spaces, such as urban residential communities, shopping plazas, electricity business places, etc.; various transport hub areas, such as service zone at motorway, bus station, wharf, etc.; as well as acceptance requirements of real estate and engineering construction.

Product parameters

Product name	AC Charging Station(Sheet Metal Type)
Model	CLX-AC-7KW
Outline dimension(mm)	300*220*110
Human-machine interaction	4.3 inch display
AC power supply	220Vac±20% ; 50Hz±10% ; L+N+PE
Rated current	32A
Output power	7kW
Working environment	Altitude: ≤2000m; Temperature: -20°C~+50°C;
Charging method	Plug & charge, POS, code scanning
Networking method	Ethernet, 4G, Wifi
Operating mode	No charging offline, charging offline, online charging
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, surging, electric leakage, etc.
Charging interface	GB/T 20234.2-2015
Charging cable length	Standard configuration 3.5m(optional)
Protection grade	IP 54
Installation method	Wall-mounted installation, need to be matched with the corresponding accessories
Package Dimension	450*320*250mm
Gross Weight	6.5kg



Model: CLX-AC-010

New series

(CLX-AC-7KW)

7KW AC Charging Station

The AC charging station provides 50Hz AC power supply with rated voltage of 220V for charging electric vehicles with on-board chargers, which is mainly applicable to the following places: large, medium and small electric automobile charging stations; various public places with electric automobile parking spaces, such as urban residential communities, shopping plazas, electricity business places, etc.; various transport hub areas, such as service zone at motorway, bus station, wharf, etc.; as well as acceptance requirements of real estate and engineering construction.

Product parameters

Product name	AC Charging Station(Sheet Metal Type)
Model	CLX-AC-7KW
Outline dimension(mm)	300*220*110
Human-machine interaction	4.3 inch display
AC power supply	220Vac±20% ; 50Hz±10% ; L+N+PE
Rated current	32A
Output power	7kW
Working environment	Altitude: ≤2000m; Temperature: -20°C~+50°C;
Charging method	Plug & charge, POS, code scanning
Networking method	Ethernet, 4G, Wifi
Operating mode	No charging offline, charging offline, online charging
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, surging, electric leakage, etc.
Charging interface	GB/T 20234.2-2015
Charging cable length	Standard configuration 3.5m(optional)
Protection grade	IP 54
Installation method	Wall-mounted installation or ground-mounted installation, corresponding accessories are required
Package Dimension	420*320*220mm
Gross Weight	4.4kg



Model: CLX-DC-011

20/30KW

DC Charging Station

(CLX-DC-20KW / CLX-DC-30KW)

The AC charging station provides 50Hz AC power supply with rated voltage of 380V for charging electric vehicles with on-board chargers, which is mainly applicable to the following places: large, medium and small electric automobile charging stations; various public places with electric automobile parking spaces, such as urban residential communities, shopping plazas, electricity business places, etc.; various transport hub areas, such as service zone at motorway, bus station, wharf etc. as well as acceptance requirements of real estate and engineering construction.

Product parameters

Model	CLX-DC-20KW	CLX-DC-30KW
Charging gun	Double guns	
Display mode	LDE indicator/display screen	
Dimension(height*width*depth)(mm)	410*200*620	
Charging method	RFID POS, mobile code scanning, password charging, VIN code	
Charging mode	Fixed-time mode, fixed-electricity mode, fixed-amount mode, automatic charging mode, fixed-power mode reservation mode	
Output voltage range(VDC)	DC200-750V	DC50-1000V
Single plug rated output current(ADC)	37A	30A
Single plug maximum output current(ADC)	50A	120A
Soft-start time(S)	3 ~ 8	
Constant current output range	0% ~ 100%	
Stabilized current precision	≤ ±1%	
Ripple coefficient	≤ 1% (peak-to-peak value)	
Stabilized voltage precision	≤ ±0.5%	
Switch overshoot amplitude	≤ 2%	
Current unbalance	≤ ±5% (typical value: 3%, rated load: 50% ~ 100%)	
Package Dimension	700*440*800mm	
Gross Weight	49kg	



Model: CLX-DC-012

Portable DC Charging Station

Portable DC charging station for private use (private car, logistics vehicle, truck, etc.) operating companies and car rental. Accompanying gifts; it is particularly suitable for rapid deployment with limited space.

Product parameters

Product	Portable DC Charging Station(Sheet Metal Type)		
Model	CLX-DC-7KW	CLX-DC-15KW	CLX-DC-20KW
Outline dimension(mm)	345*175*265	540*375*195	540*375*195
User interface	Digital, LED		
Output voltage	200V-450V	200V-750V	50V-750V
Power factor	≥0.99 (above 50% load)		
Human-machine interface	LED indicator		
Working environment	Altitude: ≤3000m;Temperature: -20°C~+50°C;		
Charging method	Plug & charge		
Networking method	None		
Input frequency	45~65Hz		
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit,surging, electric leakage,etc.		
Charging interface	GB/T 20234.2-2015		
charging cable length	Standard configuration 5m(optional)		
Protection grade	IP 54		
Package Dimension	750*400*530mm		
Gross Weight	37kg		



Model: MCGJ-SC-003

Star Charge Series

60/80/120KW DC Charging Station

Product parameters

Data Specifications:	Integrated DC Charging Station(Sheet Metal Type)
Model	MCGJ-SC-003-60/80/120/150/180KW
Outline dimension(mm)	1620*600*500 (mm)
Human-machine interaction	7~10 inch touch screen
Input vlotage	380V(three phase) ac±20%; 50Hz~60Hz; 3L+N+PE
Output voltage	200-750V
Output power	60/80/120 KW
Output current	80A~250A
Working environment	Altitude: ≤2000m; Temperature: -20°C~+50°C;
Charging method	VIN code, password, POS, code scanning
Networking Gateway	Ethernet, 4G, Wifi
Operating method	No charging offline, charging offline, online charging
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, surging, electric leakage, etc
Charging interface	CCS2/GBT
Charging cable length	Standard configuration 5m (Customization Possible)
Protection grade	IP54
Ingress Protection	IK10
Package Dimension	1900*800*650mm
Gross Weight	120KW=180kg
Certification	CE
Certification Standard	ISO15118, EN61851,EN62196
Communication Protocol	OCPP 1.6



Model: CLX-DC-013

60/80/120KW

DC Charging Station

Integrated DC charging station is applicable to urban public charging stations (bus, taxi, official business car, sanitation vehicle, logistics vehicle, etc.), various parking lots in urban residential areas, shopping malls and squares, power business places, etc; charging station of intercity expressway and other occasions requiring DC fast charging, especially suitable for rapid deployment in limited space.

Product parameters

Product name	Integrated DC Charging Station(Sheet Metal Type)
Model	CLX-DC-60/80/120KW
Outline dimension(mm)	1620*600*500 (mm)
Human-machine interaction	7~10 inch touch screen
Input voltage	380V(three phase) ac±20%; 50Hz~60Hz; 3L+N+PE
Output voltage	200~750V
Output power	80A~250A
Output current	60/80/120KW
Working environment	Altitude: ≤2000m; Temperature: -20°C~+50°C;
Charging method	VIN code, password, POS, code scanning
Networking method	Ethernet, 4G, Wifi
Operating method	No charging offline, charging offline, online charging
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, surging, electric leakage, etc.
Charging interface	Type2/GBT
Charging cable length	Standard configuration 5m(optional)
Protection grade	IP54
Package Dimension	1900*850*750mm
Gross Weight	120KW=190kg



Model: CLX-DC-014

60/80/120/150/180KW

DC Charging Station

Integrated DC charging station is applicable to urban public charging stations (bustaxi, official business car, sanitation vehicle, logistics vehicle, etc.), various parking lots in urban residential areas, shopping malls and squares, power business places, etc.; charging station of intercity expressway and other occasions requiring DC fast charging, especially suitable for rapid deployment in limited space.

Product parameters

Product name	Integrated DC Charging Station(Sheet Metal Type)		
Model	CLX-DC-60KW	CLX-DC-80KW	CLX-DC-120KW
Outline dimension(mm)	700*350*1800(mm) / 720*557*1700 (mm)		
Human-machine interaction	7~10 inch touch screen		
Input voltage	380V(three phase) ac±20%; 50Hz~60Hz; 3L+N+PE		
Output voltage	200V-750V		
Output power	80A~250A		
Output current	60/80/120KW		
Working environment	Altitude: ≤2000m; Temperature: -20°C~+50°C;		
Charging method	VIN code, password, POS, code scanning		
Networking method	Ethernet, 4G, Wifi		
Operating method	No charging offline, charging offline, online charging		
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, surging, electric leakage, etc		
Charging interface	CCS2/GB/T/CHAdeMO		
Charging cable length	Standard configuration 5m(optional)		
Protection grade	IP 54		
Package Dimension	1900*800*650mm		
Gross Weight	120KW=180kg		



Model: CLX-DC-015

60/80/120/150/180KW

DC Charging Station

Integrated DC charging station is applicable to urban public charging stations (bus, taxi, official business car, sanitation vehicle, logistics vehicle, etc.), various parking lots in urban residential areas, shopping malls and squares, power business places, etc.; charging station of intercity expressway and other occasions requiring DC fast charging, especially suitable for rapid deployment in limited space.

Product parameters

Product name	Integrated DC Charging Station(Sheet Metal Type)
Model	CLX-DC-60/80/120KW
Outline dimension(mm)	1620*600*500 (mm)
Human-machine interaction	7~10 inch touch screen
Input voltage	380V(three phase) ac±20%; 50Hz~60Hz; 3L+N+PE
Output voltage	200~750V
Output power	80A~250A
Output current	60/80/120KW
Working environment	Altitude: ≤2000m; Temperature: -20°C~+50°C;
Charging method	VIN code, password, POS, code scanning
Networking method	Ethernet, 4G, Wifi
Operating method	No charging offline, charging offline, online charging
Protection function	Overvoltage, undervoltage, overcurrent, shortcircuit, surging, electric leakage, etc
Charging interface	Type2/GBT
Charging cable length	Standard configuration 5m(optional)
Protection grade	IP54
Package Dimension	1900*800*650mm
Gross Weight	120KW=180kg



DC Charging Gun

Enclosure material: thermoplastic, with the flameretarded grade of UL94V-0, terminal: copper alloy, silver plated

Product parameters

Product name	DC Charging Gun
Rated working current	40A/63A/80A/125A/200A/250A
Working voltage	400/750VDC
Contact resistance	0.5mΩ Max
Insulation resistance	>2000MΩ
Terminal temperature rise	<50k
Pressure resistance	3200V
Mechanical life	Non-load Plug> 10000 times
Insertion and extraction force during coupling	70N<F<140N
Working ambient temperature	-30°C~+50°C
Sealing part	Rubber or silica gel
Pin	Copper alloy, silver plated +top thermoplastic
Enclosure material	Themoplastics
Flame retarded grade	UL94 V-0
Charging interface	CCS2/GB/T/CHAdeMO



AC Charging Gun

Enclosure material: thermoplastic, with the flameretarded grade of UL94V-0, terminal: copper alloy, silver plated

Product parameters

Product name	AC Charging Gun
Rated current	16/32A
Rated voltage	220V-380V
Number of power pins	5(PE,L1,L2,L3,N)
Number of signal electric shock	2(CC,CP)
Temperature rise of signal contact	<50K
Insertion and extraction force during coupling	≤80N
Plugging cycle	> 10000 times
Working ambient temperature	-30°C-50°C
Impact resistance	Capable of withstanding 1m height drop and 2t vehicle rolling
Insulation resistance	> 1000MΩ
Protection grade	IP67(Plug-in, protective cover)
Pin	Copper alloy, silver plated + top insulation
Enclosure material	Thermoplastic material, flame retarded grade: UL94 V-0
Enclosure color	White
Charging interface	Type1/Type2/GB/T



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