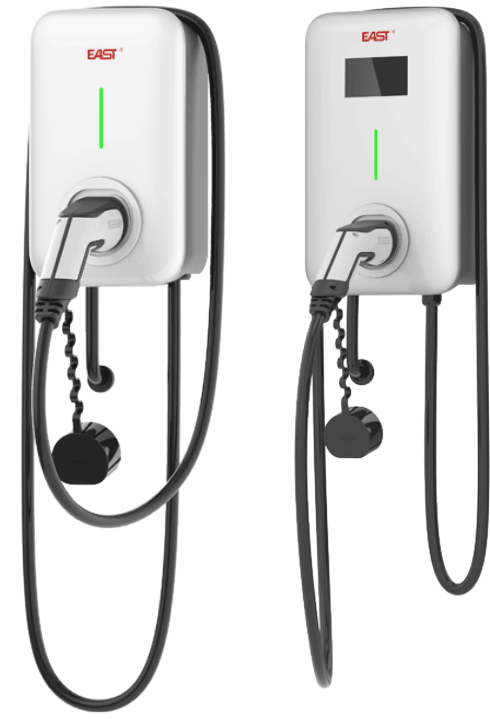


AC WALLBOX EVAC-7KW/11KW/22KW



FEATURES

- OCPP-compliant, capable of connecting with third-party systems
- Dynamic load management, efficient distribution of energy for optimal charging
- Scheduled charging time for lower rates
- Set custom charging fees, real-time charging insights via operating system (commercial version)
- OCP-compliant, up to 20 charge ports per Hub-Satellite configuration (commercial version)
- Compatible with every electric vehicle
- Easy to install and maintain
- Continuous uptime without abnormal interruption
- Plug and charge, quick setup and easy control via app (home version)
- Current limiting protection to prevent nuisance tripping
- 9-fold protections for user and vehicle safety
- CE & RoHS certified by third party
- Robust, weatherproof design, up to IP65, -40°C to 60°C operating temperature
- Always connected with Wi-Fi, Bluetooth, and Ethernet (standard for commercial version, optional for home version), 4G (optional for commercial version), remote firmware upgrades and monitoring

TECHNICAL DATA

Features	Items	Home Charging	Commercial Charging
INPUT / OUTPUT	Capacity	7kW / 11kW	7kW / 11kW / 22kW
	Voltage	230VAC±20% / 400VAC±20%	
	Current	Single phase 7kW(32A) / Three phase 11kW(16A)	Single phase 7kW(32A) / Three phase 11kW(16A) / 22kW(32A)
	Frequency	50Hz ±1% / 60Hz ±1%	
	Network Type	TN / TT / IT (LN voltage 240V)	TN / TT / IT
HUMAN-MACHINE INTERACTION INTERFACE	Material	PC+ASA	
	LED indicator	Available	
	Screen	N / A	4.3 inch color screen (optional)
	Charging cable length	Standard: 3.5m; Optional: 5m	Standard: 3.5m; Optional: 5m, 7m
	Parent / child	N / A	Up to 20 child units per parent unit
	Standby power consumption	< 4W	
CHARGING CONFIGURATION AND STANDARD	Vehicle connection	Cable (standard) / Socket (optional)	
	Certification	CE, RoHS	
	Standards	EN IEC 61851-1, EN IEC 61851-21-2	
	Communication	Standard: Wi-Fi, Bluetooth; Optional: PLC, Ethernet	Standard: Wi-Fi, Bluetooth, Ethernet; Optional: 4G
	User authentication	Plug and charge, RFID, APP	RFID, APP
PROTECTION	Backend protocol	OCP1.6J	OCP1.6J, OCPP2.0
	Residual current protection	30mA VAC, 6mA VDC	
	Safety protection	Overvoltage, undervoltage, grounding, ambient overtemperature, lightning, leakage, overcurrent, relay sticking detection, residual current protection, integrated surge protection, ground continuity detection	
	Operating temperature	-40°C ~ +60°C	
OTHERS	Relative humidity	5% ~ 95%	
	Altitude	≤ 2000m	
	IP rating	Cable version: IP65; Socket version: IP55	
	Installation	Wall- / pole-mounting	
	Dimensions (H x W x D) (mm)	320 x 190 x 110	395 x 235 x 110
	Package dimension (H x W x D) (mm)	Cable: 470 x 390 x 315 Socket: 410 x 280 x 280	Cable: 545 x 435 x 315 Socket: 485 x 325 x 280
	Weight	Cable version: ≤ 5kg (cable and pole not include), Socket version: ≤ 4kg	

• All specifications are subject to change without notice.

DC WALLBOX EVDC-20KW/30KW



FEATURES

- Compact and contemporary design
- 20 kW / 30 kW continuous fast charging
- Robust, all-weather enclosure for indoor and outdoor use: IP54
- Easy to install and use
- 100A high output current
- Single outlet: CCS or CHAdeMO
- Daylight readable 7" full color touch screen display
- RFID reader
- Future proof connectivity:
 - OCPP
 - Capability for remote services
- Future proof due to DC output voltage range from 200 to 1000 VDC supporting most kinds of electric vehicles.
- Reasonably priced
- Simple wall-mounting saves space and costs compared to EV charging stations as it requires no foundation.
- EV standards: IEC 62196, IEC 61851, JEVS G105

TECHNICAL DATA

MODEL	EVDC-20kW	EVDC-30kW
INPUT		
Input voltage	260 ~ 470 V (three-phase five-wire)	
Input current	≤ 60 A	
AC input frequency	40 ~ 70Hz	
Efficiency	≥ 94%	
Power factor	≥ 0.99	
Input THD	≤ 5%	
OUTPUT		
Output voltage range	200 ~ 1000 V	
Rated output current	66.6 A (@300 V) / 20 A (@ 1000 V)	100 A (@300 V) / 30 A (@ 1000 V)
Soft start time	3 ~ 8 s	
Voltage regulation accuracy	≤ ± 0.5%	
Current regulation accuracy	≤ ± 1%	
Ripple coefficient (peak value)	≤ ± 0.5%	
Current-sharing unbalanced degree	≤ ± 5% (50% ~ 100% rated load)	
Noise	< 60 dB	
CHARGING CONFIGURATION AND STANDARD		
Number of charging plugs	1	
Charging cable length	5 m	
Charging protocols	CCS or CHAdeMO	
Standards	IEC 62196, IEC 61851, JEVS G105	
OTHERS		
Operating temperature	-20°C ~ +55°C	
Storage temperature	-40°C ~ +80°C	
Relative humidity	≤ 95%	
Atmospheric pressure	70 kPa ~ 106 kPa	
IP rating	IP 54	
Dimensions (W×D×H) (mm)	600×250×720	
Weight (kg)	≤ 60	

• All specifications are subject to change without notice.

DC QUICKCHARGER EVDC-40KW/60KW/80KW/90KW



FEATURES

- 40 kW/60 kW/80 kW/90 kW continuous fast charging
- Robust, all-weather enclosure for indoor and outdoor use: IP54
- Easy to install and use
- Max. 100/200 A high output current
- Single outlet: CCS or CHAdeMO
- Daylight readable 7" full color touch screen display
- RFID reader
- Friendly human machine interface
- Future proof connectivity:
 - OCPP
 - Capability for remote services
- Future proof due to DC output voltage range from 200 to 1000 VDC supporting most kinds of electric vehicles.
- Modular architecture
- EV standards: IEC 62196, IEC 61851, JEVS G105

The EAST DC QUICKCHARGER EVDC-40kW/60kW80kW/90kW is an all-in-one fast charger. It can deploy charging network rapidly and effectively, providing high-power quick charging service for electric vehicles. It has a durable, robust, all-weather enclosure for indoor and outdoor use and support CCS or CHAdeMO standards.

This all-in-one DC charger consists of billing control unit, charging control unit, charging module and input / output power distribution unit. It is applicable for expressway, urban public parking station, bus station and enterprises' parking lot.

TECHNICAL DATA

MODEL	EVDC-40kW	EVDC-60kW	EVDC-80kW	EVDC-90kW
INPUT				
Input voltage	260 ~ 475 Vac (three-phase five-wire)			
Input current	< 60 A	< 180 A	< 120 A	< 180 A
Frequency	40~70 Hz			
Efficiency	95%			
Power factor	≥ 0.98			
Over half load Current THD	≤ 5%			
OUTPUT				
Output voltage	200 ~ 1000 V			
Output current (max.)	150 A	200 A		
Soft-start time	3 ~ 8 s			
Regulated accuracy	± 0.5%			
Stabilized current precision	± 1 A (0 ~ 50 A), ± 1% (> 50 A)			
Noise	< 65 dB			
CHARGING CONFIGURATION AND STANDARD				
Number of charging plugs	1 (standard), 2 (optional)			
Charging cable length	5 m			
Charging protocols	CCS or CHAdeMO			
Standards	IEC 62196, IEC 61851, EVS G105			
OTHERS				
Operating temperature	-20°C ~ +50°C			
Storage temperature	-40°C ~ +80°C			
Relative humidity	≤ 95%			
Atmospheric pressure	70 ~ 106 kPa			
IP rating	IP 54			
Dimensions (W×D×H) (mm)	550×450×1800			
Packaged dimensions (W×D×H) (mm)	895×555×1930			
Weight (kg)	≤ 150			

• All specifications are subject to change without notice.

DC QUICKCHARGER EVDC-120KW/180KW



FEATURES

- 120/180 kW continuous fast charging
- Robust, all-weather enclosure for indoor and outdoor use: IP54
- Easy to install and use
- Max. 200 A high output current
- Two outlet: CCS or CHAdeMO
- Daylight readable 7" full color touch screen display
- RFID reader
- Friendly human machine interface
- Future proof connectivity:
 - OCPP
 - Capability for remote services
- Future proof due to DC output voltage range from 200 to 1000 VDC supporting most kinds of electric vehicles.
- Modular architecture
- EV standards: IEC 62196, IEC 61851, JEVS G105

The EAST DC QUICKCHARGER EVDC-120kW/180kW is two fast charger. It can deploy charging network rapidly and effectively, providing high-power quick charging service for electric vehicles. It has a durable, robust, all-weather enclosure for indoor and outdoor use and support CCS or CHAdeMO standards.

This all-in-one DC charger consists of billing control unit, charging control unit, charging module and input / output power distribution unit. It is applicable for expressway, urban public parking station, bus station and enterprises' parking lot.

TECHNICAL DATA

MODEL	EVDC-120kW	EVDC-180kW
INPUT		
Input voltage	260 ~ 475 Vac (three-phase five-wire)	
Input current	< 240 A	< 360 A
Frequency	40 ~ 70 Hz	
Efficiency	95%	
Power factor	≥ 0.98	
Over half load THD	≤ 5%	
OUTPUT		
Output voltage	200 ~ 1000 V	
Output current (max.)	200 A	
Soft-start time	3 ~ 8 s	
Regulated accuracy	± 0.5%	
Stabilized current precision	± 1 A (0 ~ 50 A), ± 2% (> 50 A)	
Noise	< 65 dB	
CHARGING CONFIGURATION AND STANDARD		
Number of charging plugs	2	
Charging cable length	5 m	
Charging protocols	CCS or CHAdeMO	
Standards	IEC 62196, IEC 61851, EVS G105	
OTHERS		
Operating temperature	-20°C ~ +50°C	
Storage temperature	-40°C ~ +80°C	
Relative humidity	≤ 95%	
Atmospheric pressure	70 ~ 106 kPa	
IP rating	IP 54	
Dimensions (W×D×H) (mm)	600×800×1800	
Packaged dimensions (W×D×H) (mm)	900×1000×2100	
Weight (kg)	≤ 300	

• All specifications are subject to change without notice.

TRI AC/DC QUICKCHARGE EVAD-142KW



The Tri AC/DC QUICKCHARGE EVAD-142kW is an outdoor integrated multi-standard charging station. It is featured with dual technology allowing simultaneous charging in DC and AC. It delivers a total of 142 kW power continuously including a 60 kW DC output power (EU standard charging plug), a 60 kW DC output power (JP standard charging plug) and a 22 kW AC output power (EU standard charging plug). It is ideally suited for medium or large parking lots and highway petrol/service station.

TECHNICAL DATA

MODEL	EVAD-142kW
INPUT	
Input voltage	415 Vac ± 10% (three-phase five-wire: L1, L2, L3, N, PE)
Input frequency	50 Hz ± 5
THD	≤ 5% of nominal voltage
Power factor	≥ 0.99 (full load)
OUTPUT	
Charger power rating	142 kW (22 kW CCS + 60 kW CCS and 60 kW CHAdeMO)
Output voltage	200 - 1000 Vdc
Efficiency	≥ 95 %
CHARGING CONFIGURATION AND STANDARD	
Number of charging plugs	3
Charging cable length	5 m
Charging protocols	Between EV Charger and EV: CHAdeMO whereas PLC Communication for CCS 2 Between EV and Central Server: OCPP v 1.6 or above-10/100 Base-T Ethernet (Standard) / Optical GSM Modem (2G/3G/4G) or Wireless
Standards	IEC 62196, IEC 61851, JEVS G105
Internal battery back-up	Battery back-up for minimum 2 hours for the control system and billing unit. Data log should be synchronized with CMS during back up time, in case battery drains out.
OTHERS	
Display	7" TFT LCD Touch Screen
Payment	Smart Card/QR/OTPI/App Server Based Online
Operating temperature	-20°C ~ + 55°C
Storage temperature	-40°C ~ + 80°C
Relative humidity	0 to 95% (non-Condensing)
Altitude	Up to 2000 m
IP rating	IP 54
Dimensions (W×D×H) (mm)	600×800×1800
Net weight (kg)	300
Packaged dimensions (W×D×H) (mm)	900×1000×2100
Gross weight (kg)	325

• All specifications are subject to change without notice.

FEATURES

- Featured with dual technology allowing simultaneous charging in DC and AC.
- Supports CCS 2 combo, CHAdeMO and CCS 2 AC functionality
- Features in three outlets: a 60 kW DC ports (European standard), a 60 kW DC ports (Japanese standard) and a 22 kW AC port (European standard)
- High efficiency, high power factor, low input harmonic current, no need for additional reactive power compensation and harmonic suppression equipment
- Hot-swap modular design, easy maintenance
- Daylight readable 7" touch screen display
- EV standards: IEC 62196, IEC 61851, JEVS G105

EAST®

CHARGING REFERENCES

Residential Charging Station



Commercial Charging Station



Electric Bus Charging Station



Public Charging Station



For more information, please contact:

EAST GROUP CO., LTD.
 Add: No.6 Northern Industry Road, Songshan Lake Sci.&Tech. Industrial Park, Dongguan City, Guangdong Province, China
 Industrial Park, Dongguan City, Guangdong, China (523808)
 Tel: +86 769 22898801
 Email: eastups@eastups.com
 http://www.eastups.com

Electric Vehicle Charging Solution

EAST®

SINCE 1989

COMPANY PROFILE

Established in 1989, 2.329 billion CNY registered capital, East is an Excellent Listed Company (stock code 300376) and a global 5G+ Digital Industry and Smart Energy System Solutions Provider. As a focused high-tech enterprise in The Nation Class Lighted Torch Plan, East is National technology innovation demonstration enterprises, Global Top 500 new energy enterprises, and the Winner of National May 1st Labor Award. With 268 representative offices around China, East's service has spread in more than 140 countries' partners and customers around the world.

INNOVATIVE STRENGTH

Relying on 4 Technological Platforms including National-recognized enterprise technology center & Post-doctoral technology research workstation, conducted by 4 R & D centers in Dongguan, Chengdu, Nanjing, Xi'an city, East owns 740 Patents at home and broad, honored with China Patents Excellence Award, TOP 100 Innovative Enterprise in Guangdong, as well as Top 50 Innovative Enterprise in PV Industry awards. East successively carried out extensive in-depth technical cooperation and exchange with 20+ well-known universities and scientific research institutions at home and abroad, practicing innovative development path of 'independent innovation and integration of production, education & research'.

CORE BUSINESS

East is engaging in 3 strategic business sectors covering 5G+ smart energy(UPS/EPS power supply, 5G base station power supply, rail transit power supply, military power supply), big data(cloud computing/edge computing data center, IT infrastructure), smart energy(photovoltaic inverters, wind energy converters and power generation systems, lithium batteries and energy storage systems, charging pile modules and systems, micro-grid network and smart distribution network), and is a provider of global digital industry and smart energy integrated solution.

PROJECT CASES

EAST's products and solutions have been applied to power supply system of Shenzhou series spacecraft launch base, Qinghai-Tibet Railway, the first unmanned subway in US, Beijing S1 line, Daxing International Airport; data centers of Baidu, Tencent, Alibaba, IBM, China Mobile, China Telecom, China Unicom, China Tower, Industrial and Commercial Bank of China, Construction Bank, Agricultural Bank of China, Bank of China; EV charging pile projects for G20 summit, Hong Kong-Zhuhai-Macao Bridge, first-line brand new energy vehicles at home and abroad. In addition, East has made brilliant achievements in "rural areas, agriculture & farmers" services for many years including digital villages, photovoltaic poverty alleviation, power grid transformation, grain security project, snow bright project, rural education, rural medical.