

AC Wallbox EVAC-7kW/11kW/22kW



AC Wallbox EVAC-7kW is a compact AC charging station for use at homes, offices and other residential and commercial locations. Its system is simple and featured with small footprint, convenient installation and easy operation.

FEATURES

- Compact design
- 7 kW, 11 kW and 22 kW AC fast charging available
- Robust, all-weather enclosure for indoor and outdoor use: IP54
- Easily installed or retrofitted in various locations
- Daylight readable 4.3" full color touchscreen display
- Open Charge Point Protocol (OCPP)
- Scan code charging
- EV standards: IEC 62196, IEC 61851

TECHNICAL DATA

MODEL	EVAC-7kW	EVAC-11kW	EVAC-22kW
INPUT / OUTPUT			
Voltage	220/230/240 Vac (single-phase three-wire: L, N, PE)	380/400/415 Vac (three-phase five-wire: L1, L2, L3, N, PE)	380/400/415 Vac (three-phase five-wire: L1, L2, L3, N, PE)
Current	32 A	16 A	32 A
Capacity	7 kW	11 kW	22 kW
Frequency	50/60 ± 5 Hz		
Noise	< 55 dB		
HUMAN-MACHINE INTERACTION INTERFACE			
Monochrome screen	4.3" full color touchscreen		
LED indicator	Available		
Swipe card reader	Contactless swipe card reader		
APP operation	Support		
CHARGING CONFIGURATION AND STANDARD			
Number of charging plugs	1		
Charging cable length	3 m (5 m optional)		
Charging protocols	CCS 2		
Standards	IEC 62196, IEC 61851		
OTHERS			
Operating temperature	-20°C ~ +50°C		
Storage temperature	-40°C ~ +80°C		
Relative humidity	≤ 95%		
Atmospheric pressure	70 kPa ~ 106 kPa		
IP rating	IP54		
Dimensions (W × D × H) (mm)	175 × 120 × 420	346 × 426 × 1485	
Weight (kg)	≤ 50		

● All specifications are subject to change without notice.

DC Wallbox EVDC-20kW



FEATURES

- Compact and contemporary design
- 20 kW continuous fast charging
- Robust, all-weather enclosure for indoor and outdoor use: IP54
- Easy to install and use
- 66 A high output current
- Single outlet: CCS or CHAdeMO
- Daylight readable 7" full color touchscreen display
- RFID reader
- Future proof connectivity:
 - OCPP
 - Capability for remote services
- Future proof due to DC output voltage range from 200 to 950 VDC supporting todays and tomorrows cars
- 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

The EAST DC Wallbox is a compact 20 kW DC 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 DC charger consists of billing control unit, charging control unit, charging module and input / output power distribution unit. It is applicable to public parking station and enterprises' parking lot.

TECHNICAL DATA

MODEL	EVDC-20kW
INPUT	
Input voltage	260 ~ 470 V (three-phase five-wire)
Input current	≤ 40 A
AC input frequency	45 ~ 65 Hz
Efficiency	≥ 94%
Power factor	≥ 0.99
Input THD	≤ 5%
OUTPUT	
Output voltage range	200 ~ 950 V
Rated output current	20 kW series: 66 A (@300 V) / 21 A (@ 950 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 ~ +75°C
Relative humidity	≤ 95%
Atmospheric pressure	70 kPa ~ 106 kPa
IP rating	IP 54
Dimensions (W × D × H) (mm)	600 × 230 × 400
Weight (kg)	≤ 60

● All specifications are subject to change without notice.

DC QUICHAR EVDC-40kW/80kW



FEATURES

- 40/80 kW continuous fast charging
- Robust, all-weather enclosure for indoor and outdoor use: IP54
- Easy to install and use
- Max. 125/200 A high output current
- Single outlet: CCS or CHAdeMO
- Daylight readable 7" full color touchscreen 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 950 VDC supporting todays and tomorrows cars
- Modular architecture
- EV standards: IEC 62196, IEC 61851, JEVS G105

The EAST DC QUICHAR EVDC-40kW/80kW 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-80kW
INPUT		
Input voltage	260 ~ 470 Vac (three-phase five-wire)	
Input current	< 76 A	< 152 A
Frequency	40 ~ 70 Hz	
Efficiency	95%	
Power factor	≥ 0.98	
Over half load THD	≤ 5%	
OUTPUT		
Output voltage	200 ~ 950 V	
Output current (max.)	125/200 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	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)	400 × 320 × 1600	550 × 450 × 1800
Packaged dimensions (W × D × H) (mm)	612 × 442 × 1735	895 × 555 × 1930
Weight (kg)	≤ 90	≤ 150

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Tri AC/DC QUICHAR EVAD-142kW



The **Tri AC/DC QUICHAR 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 \pm 10% (three-phase five-wire: L1, L2, L3, N, PE)
Input frequency	50 Hz \pm 5
THD	\leq 5% of nominal voltage
Power factor	\geq 0.99 (full load)
OUTPUT	
Charger power rating	142 kW (22 kW CCS + 60 kW CCS and 60 kW CHAdeMO)
Output voltage	200 – 950 Vdc
Efficiency	\geq 94 %
CHARGING CONFIGURATION AND STANDARD	
Number of charging plugs	3
Charging cable length	5 m
Charging protocols	Between EV Charger and EV
	Between EV and Central Server
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/OTP/App Server Based Online
Operating temperature	-10°C ~ + 55°C
Storage temperature	-20°C ~ + 80°C
Relative humidity	0 to 95% (non-Condensing)
Altitude	Up to 2000 m
IP rating	IP 54
Dimensions (W x D x H) (mm)	600 x 800 x 1800
Net weight (kg)	300
Packaged dimensions (W x D x H) (mm)	900 x 1000 x 2100
Gross weight (kg)	325

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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" touchscreen 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



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