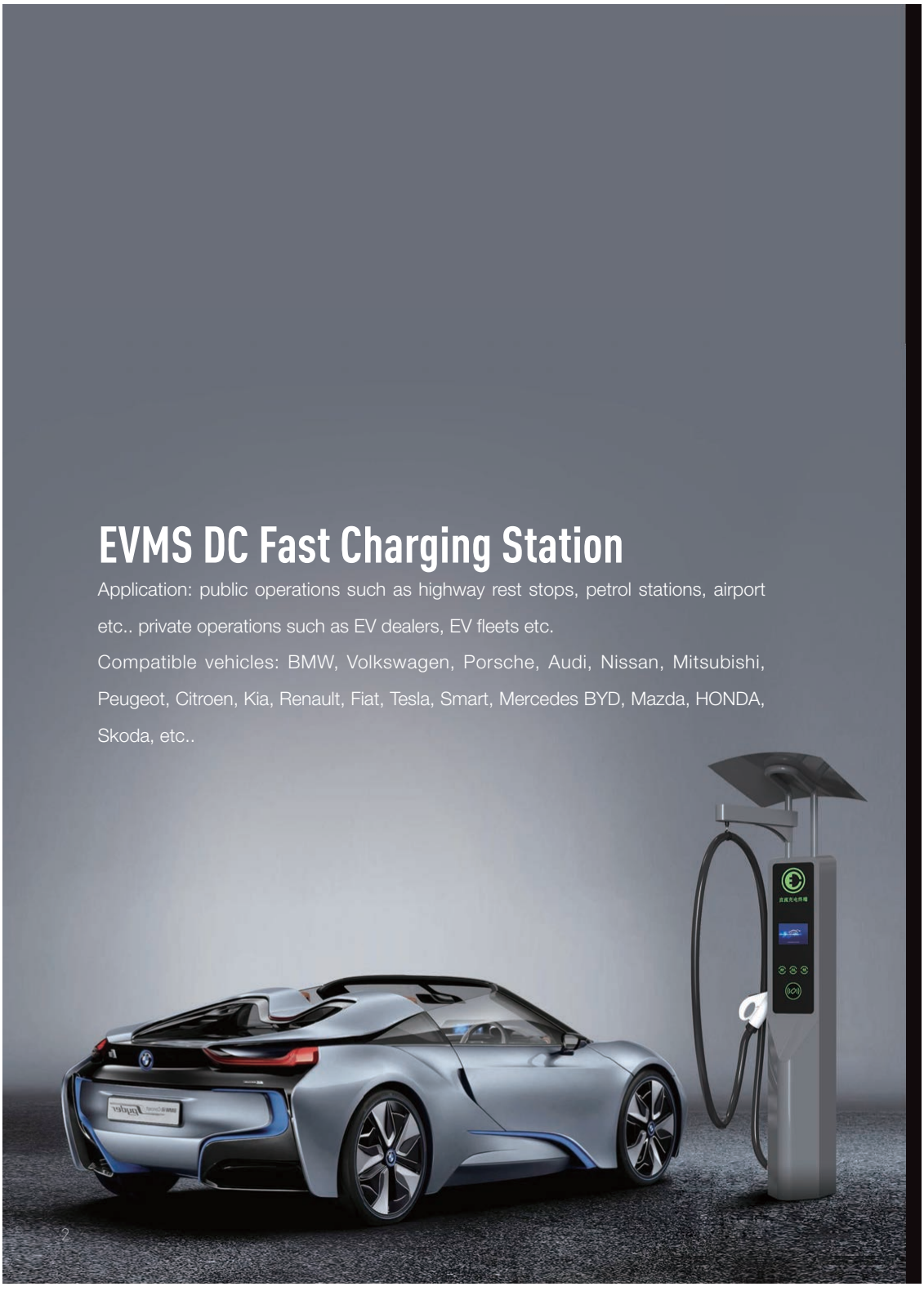
EV Charging Module



Feature

- Comply with CCS, CHAdeMO, GB/T.
- Flexible power distribution function, dynamically adjust output power according to the demand of electric vehicles.
- Multi outlets to charge multiple vehicles simultaneously, the output and power as follows:
  240KW type stack: configurable 2 ～ 8 outlets, each output 0~60KW or 0 ~ 120KW;
  360KW type stack: configurable 2 ～ 12 outlets, 30 ～ 180KW flexible output.
- 12.1 inch LCD/LED screen to display information in real time, easy operation and interactive user interface.
- Supports Web & mobile based payment methods.
- Insulation monitoring function, automatically turn off output to ensure safe charging.
- High adaptability of temperature range, isolated heat dissipation air ducts, power heat dispassion is separated from control circuit to ensure dust-free control unit.
- High efficiency, high reliability, ultra low radiation, fast maintenance, flexible capacity expansion, energy efficiency and environmental protection.

Model		EVMS-240	EVMS-360
Environment		Outdoor / Indoor	
System capacity		240KW	360KW
Maximum outlets		8	12
Output capacity of each route		0~60KW or 0~120kW	30~180kW
Input voltage		400VAC±20%	
Input voltage range		260V~530V (260V~304VAC, output power derating 50%)	
Current share precision		＜3%	
Power factor		＞0.99	
Working frequency		50/60HZ	
Output voltage		50VDC-1000VDC	
Current regulation accuracy		＜1%	
Voltage regulation accuracy		＜0.5%	
Current share precision		＜3%	
Overall efficiency		95%	
RFID system		ISO/IEC14443A, Mifare;	
Network connection		4G（GSM or CDMA）|LAN|WI-FI	
Communication Protocols		OCPP1.6J (OCPP 2.0 upgradable)	
Operating temperature		-35ºC-60ºC(-20ºC ～ -35ºC，heating required)	
Storage Temperature		-40ºC ～ +70ºC	
Operating humidity		⩽95%，non-condensing	
Altitude		Up to 1000meters	
Protection		IP54，IK10	
Acoustic noise		＜55dB	
Compliance and safety		CE，IEC EN61851，EN62196，DIN70121，ISO15118	
Dimension(W*D*H)	DC power stack	800*650*1850	800*650*2250
	charge post	320*320*2300	

EVMS DC Wallbox charger

Application: Service station, Public corridor charging along the highways,Commercial fleet operators,EV Infrastructure operators, EV Garage and EVSE providers.

Overview

The EVMS DC Wallbox charger is able to charge all current and next generation vehicles with CCS and CHAdeMO.

The 30kW charging station is a configurable single or dual outlet wall mounted DC fast charger, supporting the changing needs of each customer. With compact, space-saving and attractive design, it is ideal for a wide range of installations, both indoors and outdoors available.

Feature

- DC power up to 30KW
- Supports a single CCS1/CCS2/ CHAdeMO connector
- Overall efficiency ≥95%
- Simple installation, convenient operation
- Daylight readable touch screen display
- Built-in safety measures
- Robust design
- Supports the open communication protocol OCPP
- Low operational noise
- Support multi-language operation
- Customizable

Model	EVMS-30
System capacity	30kW
Input parameters	
Voltage	400Vac, 3P+N+PE
Voltage rage	304V~456Vac
Power factor	>0.99
Frequency	50/60Hz
Output parameters	
Connectors	Single output CCS1/CCS2/ CHAdeMO
Voltage	50-1000Vdc
Current	Maximum 100A, maximum 30kW
Power	30kW
Overall efficiency	95%
Other parameters	
Display	10.4" TFT Touch screen
RFID system	ISO/IEC14443A, Mifare;
Network connection	4G（GSM or CDMA）|LAN|WI-FI
Communication Protocols	OCPP1.6J (OCPP 2.0 upgradable)
Operating temperature	-20°C～ 60°C
Storage Temperature	-40ºC ～ +70ºC
Working Humidity	5%~95%，non-condensing
Operating humidity	≤95%，non-condensing
Altitude	2000meters
Protection	IP54，IK10
Acoustic noise	＜ 55dB
Environment	outdoor/indoor
System protection	Leakage detection and protection ; Over-voltage and Under-voltage protection ; Self-checking recover ; Over-temperature protection ; Double Lightning protection; Emergency stop button protection ; Power failure data records.
Compliance and safety	CE，IEC EN61851，EN62196，DIN70121，ISO15118
Dimension(W*D*H)	460*345*735