Overview

The EVMS DC Fast Charging Station is able to charge all current and next generation vehicles with CCS, CHAdeMO and GB/T.

The power covers 60KW ～ 360KW, to meet the changing charging needs of customers.

60kW-360kW CCS/CHAdeMO/GB/T

Features

- Comply with multiple standards as CCS, CHAdeMO, and GB/T
- Multiple outputs:DC power covers 60kW ~ 360kW
- Supports any two of CCS, CHAdeMO and GB/T charging outputs simultaneously
- Reliable, robust, modular system hardware
- Simple, quick and easy installation
- Daylight readable touch screen display
- Supports the open communication protocol OCPP
- RFID authorization
- Low operational noise
- Customizable
- multilingual

60kW Possible configurations

Product type	Configuration	750Vdc	1000Vdc + 400Vac
CCS2 60 kW DC/CHAdemo 60 kW DC	CCS2+CHADEMO		default
CCS2 60 kW DC/CCS1 60 kW DC	CCS2+CCS1	optional	
CCS2 60 kW DC/GB/T 60 kW DC	CCS2+GB/T		
CCS2 60 kW DC/CCS2 60 kW DC	CCS2+CCS2		
CCS1 60 kW DC/CCS1 60 kW DC	CCS1+CCS1		
GB/T 60kW DC/GB/T 60kW DC	GB/T+GB/T		
CHAdemo 60 kW DC/CHAdemo 60 kW DC	CHADEMO+CHADEMO		
CHAdemo 60 kW DC/GB/T 60kW DC	CHADEMO+GB/T		
CHAdemo 60 kW DC/CCS1 60 kW DC	CHADEMO+CCS1		
GB/T 60kW DC/CCS1 60 kW DC	GB/T+CCS1		

120kW Possible configurations

Product type	Configuration	750Vdc	1000Vdc
120kW, CCS1 dual connectors	CCS1+CCS1	optional	default
120kW, CCS2 dual connectors	CCS2+CCS2	optional	default
120kW, CHAdeMO and CCS2 connector	CHADEMO+CCS2	optional	default

210kW Possible configurations

Product type	Configuration	750Vdc	1000Vdc
210kW, CCS1 dual connectors	CCS1+CCS1	optional	default
210kW, CCS2 dual connectors	CCS2+CCS2	optional	default
210kW, CHAdeMO and CCS2 connector	CHADEMO+CCS2	optional	default

Specification

Model	EVMS-60	EVMS-120
AC Input for the DC Output		
Power connection	3P + N + PE	
Voltage range	400 Vac ± 20 %	
Frequency	50/60Hz Range: 45Hz~65Hz	
Nominal input current & power	87 A, 60KW	174A, 120KW
Power factor	> 0.99	
Range of input voltage	304V~456V	
DC Output		
Voltage	150Vdc-1000Vdc	
Max Current	200A	200A(250A optional)
Nominal Power	0-60kW	0-120KW
AC Output		
Voltage	-	-
Current	-	-
Nominal Power	-	-
General Specifications		
Output mode	Multi-standard DC outputs (Mode-4)	
Connectors	CCS1, CCS2, CHAdeMO, GB/T	
AC-Interface	None	
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)	
Environment	Indoor / outdoor	
Operating temperature	-20°C-60°C	
Storage Temperature	-40 °C to +70 °C	
Operating humidity	≤95% non-condensing	
Altitude	Up to 2000 m	
Protection	IP54 , IK10	
Acoustic noise	<55 dB	
Compliance and safety	CE, IEC EN 61851, EN 62196,DIN 70121, ISO 15118	

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