

TECHNICAL DATASHEET

EV Charging Station

BXC 60-120KW // COMMERCIAL USE // INDUSTRIAL USE

The BEXIE DC EV Charging Station boasts a remarkable touch screen for effortless control. It comes with a range of certifications including CE, CB and RCM, and offers robust full protection features. With convenient app control and Ethernet/4G/WiFi connectivity, you can charge your EV with confidence and efficiency.

- ✓ IP55-rated protection for reliable indoor and outdoor operation.
- ✓ Ethernet, 4G, and WiFi connectivity for flexible communication.
- ✓ Advanced integrated protection system for safe charging.
- ✓ OCPP 1.6J compatible for smart charging management.
- ✓ Touchscreen display with intuitive user interface.
- ✓ RFID authentication for secure and convenient access.
- ✓ Smart app control for remote monitoring and operation.



FEATURES



MODEL	BXC60-D	BXC90-D	BXC120-D	BXC120-D-350
STRUCTURE DESCRIPTION				
Shell Material	Galvanized Sheet			
Dimensions (WxHxD)	520 x 1,800 x 700mm			
Packing Dimensions (WxHxD)	820 x 2,035 x 1,050mm			
Weight	≤320kg	≤340kg	≤360kg	≤360kg
Installation Method	Floor-stand Type			
Cable Routing	Bottom Inlet Wiring, Up Outlet Wiring			
Total length of gun cable	5 m			
Charging Outlets	Double(CCS1+CCS1), Double (CCS1 +CHADEMO), Double(CCS2+GBT), Double(CHADEMO +CHADEMO), Double(CCS2+CCS2), Double (CCS2 +CHADEMO), Double(CHADEMO +GBT), Double(CCS1 +CCS2), Double(CCS1 +GBT), Double(GBT +GBT), Double (CCS1 +NACS), Double(CCS2 +NACS), Double(GBT +NACS), Double(CHADEMO +NACS), Double(NACS +NACS)	Double(CCS1+CCS1), Double (CCS1 +CHADEMO), Double(CCS2+GBT), Double(CHADEMO +CHADEMO), Double(CCS2+CCS2), Double (CCS2 +CHADEMO), Double(CHADEMO +GBT), Double(CCS1 +CCS2), Double(CCS1 +GBT), Double(GBT +GBT), Double (CCS1 +NACS), Double(CCS2 +NACS), Double(GBT +NACS), Double(CHADEMO +NACS), Double(NACS +NACS)	Double(CCS1+CCS1), Double (CCS1 +CHADEMO), Double(CCS2+GBT), Double(CHADEMO +CHADEMO), Double(CCS2+CCS2), Double (CCS2 +CHADEMO), Double(CHADEMO +GBT), Double(CCS1 +CCS2), Double(CCS1 +GBT), Double(GBT +GBT), Double (CCS1 +NACS), Double(CCS2 +NACS), Double(GBT +NACS), Double(CHADEMO +NACS), Double(NACS +NACS)	Double(CCS1+CCS1), Double(CCS2+GBT), Double(CCS2+CCS2), Double(CCS1+GBT), Double(GBT+GBT), Double (CCS1+NACS), Double(CCS2+NACS), Double(GBT+NACS), Double(NACS+NACS)
Connectivity Authorization	RFID, App			
Screen	LCD Screen/LED Light			
ELECTRICAL SPECIFICATION				
AC Input Voltage	AC380V - 415V, 3P+N+PE			
Rated Input Current	102A	152A	203A	203A
Input Frequency	50Hz/60Hz			
Consumption	≤24W			
Rated Power	60kW	90kW	120kW	120kW
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc – 1000Vdc;CHADEMO: 150Vdc –500Vdc	CCS1/CCS2/GBT: 150Vdc – 1000Vdc;CHADEMO: 150Vdc –500Vdc	CCS1/CCS2/GBT: 150Vdc – 1000Vdc;CHADEMO: 150Vdc –500Vdc	CCS1/CCS2/GBT/ NACS: 150Vdc – 1000Vdc
Output Current	CCS1/CCS2: 0~200A, GBT/NACS: 0~200A, CHADEMO: 0~125A	CCS1/CCS2: 0~250A, GBT/NACS: 0~250A, CHADEMO: 0~125A	CCS1/CCS2: 0~250A, GBT/NACS: 0~250A, CHADEMO: 0~125A	CCS1/CCS2/GBT/ NACS: 0~350A
Efficiency	≥95%			
Power Factor	≥0.99 (load:100%)			
FUNCTIONATE DESIGN				
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen			
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021			
COMMUNICATION				
OCPP	OCPP 1.6J			
Network Interface	Ethernet/4G/WiFi			

MODEL	BXC60-D	BXC90-D	BXC120-D	BXC120-D-350
RF PARAMETERS				
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28			
LTE-TDD Operating Frequency	B38/B39/B40/B41			
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19			
MIFARE Operating Frequency	13.56MHz ± 7K			
2.4G WI-FI Operating Frequency	2,412MHz - 2,484MHz			
2.4G WI-FI Max. Transmit Power	20.5dBm			
WCDMA Max. Transmit Power	24dBm +1/-3dB			
LTE-FDD Max. Transmit Power	23dBm ± 2dB			
LTE-TDD Max. Transmit Power	23dBm ± 2dB			
MIFARE Max. Transmit Power	14.05dBuA/m			
ENVIRONMENT CONDITION				
Application Place	Indoor/Outdoor			
Working Altitude	<2,000m			
Storage Temperature	-30°C ~ +55°C			
Working Temperature	-30°C ~ +50°C			
Working Humidity	5% ~ 95%			
Protection Level	IP55 IK10 (Screen IK08)			
Natural Cooling	Forced-air Cooling			
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection			