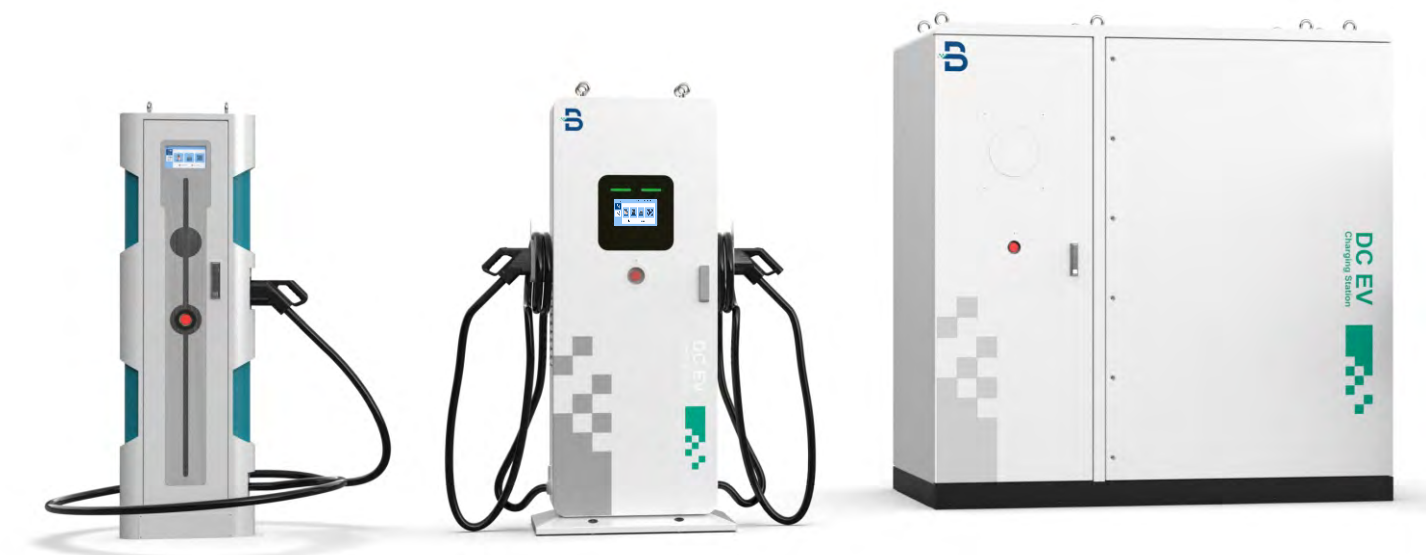




Beny Floor-Mounted Split DC EV Charger Station

720kW



Datasheet

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⚠️ If the models and specifications in this product catalogue change due to product updates, we will not provide prior notification.



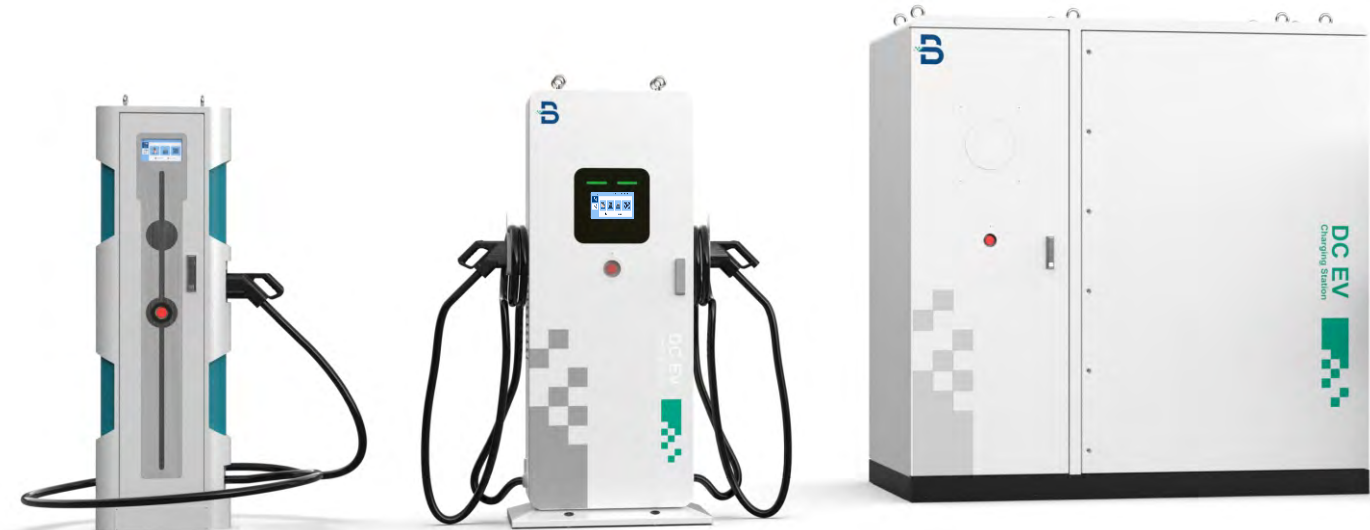
VERSION: 20250211-01

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BENY

Product Overview

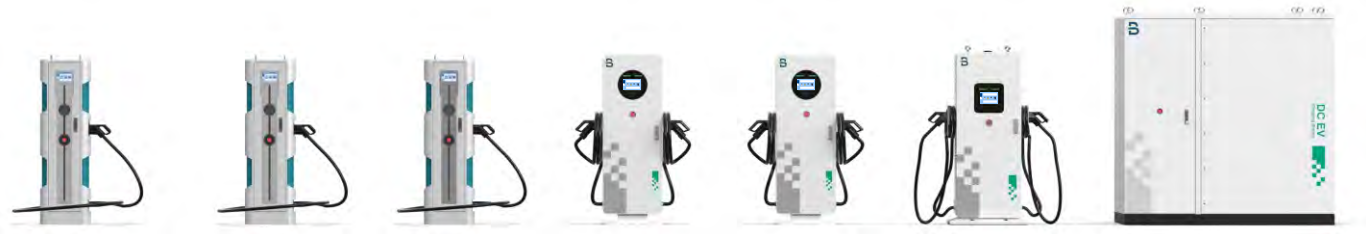
The EVB Split EV charger integrates a rectifier cabinet and charging terminal, offering efficient charging with capacities up to 720kW. The charging terminal has a maximum power of 500kW. The rectifier cabinet can be flexibly matched with 1 gun terminal and 2 guns terminal, supporting up to 9 guns output. Equipped with ordinary guns or liquid cooled guns and OCPP 1.6J compliance, it ensures seamless connectivity, while the user-friendly interface includes a 7-inch LCD screen and LED lights for enhanced usability, as well as comprehensive full protection features. Enjoy convenient app control and Ethernet/4G/ WiFi connection, and charge your EV confidently and efficiently!



Product Advantages

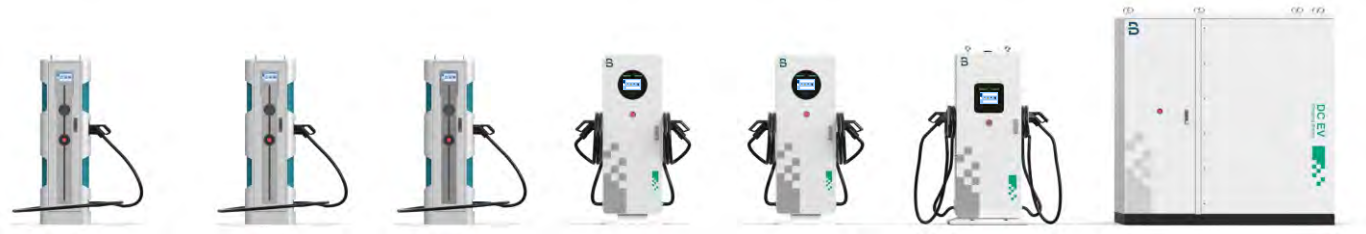
-  Independent Duct
-  IP55 Rating
-  Ethernet/4G/WiFi
-  Full Protection
-  OCPP 1.6J
-  7-inch Touch Screen
-  RFID
-  APP Control

Model Selection

DC EV Charging Station		BSDC720-250D1	BSDC720-250D2	BSDC720-250D3
				
Structure Description				
Shell Material		Galvanized Sheet		
Rectifier Cabinet Dimension		2100*1210*2110(L*W*H mm)		
Charging Temminal Dimension		600*230*1700(L*W*H mm)		
Rectifier Cabinet Weight		≤1100kG		
Charging Temminal Weight		≤90/110/120KG		
Installation Method		Floor-Stand Type		
Cable Routing		Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Double(CCS1+CCS1)	Double (CCS2+CHADEMO)	Double (CCS1+NACS)	
	Double (CCS1+CHADEMO)	Double(CHADEMO+GBT)	Double(CCS2+NACS)	
	Double(CCS2+GBT)	Double(CCS1+CCS2)	Double(GBT+NACS)	
	Double(CHADEMO+CHADEMO)	Double(CCS1+GBT)	Double(CHADEMO+NACS)	
	Double(CCS2+CCS2)	Double(GBT+GBT)	Double(NACS+NACS)	
	Single (CCS1/CCS2/GBT/CHADEMO/NACS)			
Connectivity Authorization		RFID, App		
Total length of gun cable		5m		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		1223A		
Input Frequency		50Hz/60Hz		
Consumption		≤12W		
Rated Power		720kW		
Output Voltage Range		CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		
Output Current		CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~125A CCS2:0~500A(Liquid Cooling)		

Efficiency	≥95%
Power Factor	≥0.98(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
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	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30℃~+85℃
Working Temperature	-30℃~+50℃
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling(Independent Duct)
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection

Model Selection

DC EV Charging Station		BSDC720-250D4		BSDC720-250D5	
					
Structure Description					
Shell Material		Galvanized Sheet			
Rectifier Cabinet Dimension		2100*1210*2110(L *W*H mm)			
Charging Temminal Dimension		600*230*1700(L *W*H mm)			
Rectifier Cabinet Weight		≤1100kG			
Charging Temminal Weight		≤90/110/120KG			
Installation Method		Floor-Stand Type			
Cable Routing		Bottom Inlet Wiring,Bottom Outlet Wiring			
Charging Outlets	Double(CCS1+CCS1)	Double (CCS2+CHADEMO)	Double (CCS1+NACS)		
	Double (CCS1+CHADEMO)	Double(CHADEMO+GBT)	Double(CCS2+NACS)		
	Double(CCS2+GBT)	Double(CCS1+CCS2)	Double(GBT+NACS)		
	Double(CHADEMO+CHADEMO)	Double(CCS1+GBT)	Double(CHADEMO+NACS)		
	Double(CCS2+CCS2)	Double(GBT+GBT)	Double(NACS+NACS)		
	Single (CCS1/CCS2/GBT/CHADEMO/NACS)				
Connectivity Authorization		RFID, App			
Total length of gun cable		5m			
Screen		7 Inch LCD Screen/LED Light			
Electrical Specification					
AC Input Voltage		AC380V-415V, 3P+N+PE			
Rated Input Current		1223A			
Input Frequency		50Hz/60Hz			
Consumption		≤12W			
Rated Power		720kW			
Output Voltage Range		CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc			
Output Current		CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~125A CCS2:0~500A(Liquid Cooling)			

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LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling(Independent Duct)
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection