

ATP FLOOR-MOUNTED SPLIT DC - BSDCE



[Dat asheet](#)

Product Overview

The Split EV Charger integrates a rectifier cabinet and charging terminal to deliver efficient charging with capacities of up to 720kW, while the charging terminal supports a maximum power output of 500kW. The rectifier cabinet can be flexibly configured with single-gun or dual-gun terminals, supporting up to 10 charging outputs. Equipped with standard or liquid-cooled charging guns and OCPP 1.6J compliance, it ensures seamless connectivity and reliable operation. Its user-friendly design includes a 21-inch LCD screen, LED indicators, comprehensive protection features, app control, and Ethernet, 4G, and WiFi connectivity, providing a convenient, safe, and efficient EV charging experience.



Product Advantages



Independent Duct



IP55 Rating



Ethernet/4G/WiFi



Full Protection



OCPP 1.6J



21-inch
Touch Screen



RFID



APP Control

Model Selection

DC EV Charging Station		BSDC720-250D5	
			
Structure Description			
Shell Material		Galvanized Sheet	
Rectifier Cabinet Dimension		1700*1000*2150(L*W*H mm)	
Charging Temminal Dimension		600*230*1700(L*W*H mm)	
Rectifier Cabinet Weight		≤1100kG	
Charging Temminal Weight		≤110KG	
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)
Connectivity Authorization		RFID, App	
Total length of gun cable		5m	
Screen		21 Inch LCD Screen/LED Light	
Electrical Specification			
AC Input Voltage		AC380V-415V, 3P+N+PE	
Rated Input Current		1100A	
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:0~150A CCS2/GBT: 0~500A(Liquid Cooling)	

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°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