



Beny Floor-Mounted Split DC EV Charger Station

500kW -2000kW



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.



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Product Overview

This EV Split RV charger consists of a rectifier cabinet and a charging terminal, delivering an efficient charging capacity ranging from 500kW to 2000kW. The device is available in single-gun and dual-gun configurations. The single-gun version features an MCS interface with a rated current of 1500A, while the dual-gun version is equipped with two CCS interfaces, each with a rated current of 650A. It also supports OCPP 1.6J compliance to ensure seamless connectivity. Meanwhile, its user-friendly interface includes a 21-inch LCD screen and LED lights to enhance the user experience. You can rest assured that we hold multiple certifications, including UL, CE, CB, RCM, and TUV, along with comprehensive functional protection features. With app control and Ethernet/4G/WiFi connectivity, you can enjoy a convenient charging experience with confidence and efficiency.



Product Advantages



IP55 Rating



Ethernet/4G/WiFi



Full Protection



OCPP 1.6J



21-inch Touch Screen



RFID



APP Control

Model Selection

DC EV Charging Station		BDCS500	BDCS1000
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	2165 * 810 * 790(L*W*H mm)		
Charging Temminal Dimension	1950 * 1180* 500(L*W*H mm)		
Rectifier Cabinet Weight	≤730kG	≤730*2kG	
Charging Temminal Weight	≤110KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Top Outlet Wiring		
Charging Outlets	Double(CCS2+CCS2)	Double(CCS2+CCS2)	
	single (MCS)	single (MCS)	
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	760A	1520A	
Input Frequency	50Hz/60Hz		
Consumption	≤30W		
Rated Power	500KW	1000KW	
Output Voltage Range	CCS2: 150Vdc –1000Vdc; MCS: 0~1250Vdc		
Output Current	MCS:0~1500A;CCS2:0~650A(Liquid Cooling)		

Efficiency	≥97%
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
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~+55°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

Model Selection

DC EV Charging Station		BDCS1500	BDCS2000
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	2165 * 810 * 790(L*W*H mm)		
Charging Temminal Dimension	1950 * 1180* 500(L*W*H mm)		
Rectifier Cabinet Weight	≤730*3kG	≤730*4kG	
Charging Temminal Weight	≤110KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Top Outlet Wiring		
Charging Outlets	Double(CCS2+CCS2)	Double(CCS2+CCS2)	
	single (MCS)	single (MCS)	
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	2280A	3039A	
Input Frequency	50Hz/60Hz		
Consumption	≤30W		
Rated Power	1500KW	2000KW	
Output Voltage Range	CCS2: 150Vdc –1000Vdc; MCS: 0~1250Vdc		
Output Current	MCS:0~1500A;CCS2:0~650A(Liquid Cooling)		

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