



# 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
<b>Structure Description</b>			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	2165 * 810 * 790(L*W*H mm)		
Charging Terminal Dimension	1950 * 1180* 500(L*W*H mm)		
Rectifier Cabinet Weight	≤730KG	≤730*2KG	
Charging Terminal Weight	≤110KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Top Outlet Wiring		
Charging Outlets	Double(CCS2+CCS2) single (MCS)	Double(CCS2+CCS2) single (MCS)	
Connectivity Authorization	RFID, App		
Total length of gun cable	5m		
Screen	21 Inch LCD Screen/LED Light		
<b>Electrical Specification</b>			
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%)
<b>Functionate Design</b>	
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
<b>communication</b>	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
<b>RF Parameters</b>	
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
<b>Environment Condition</b>	
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, Lightning 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 Terminal Dimension	1950 * 1180* 500(L*W*H mm)	
Rectifier Cabinet Weight	≤730*3kG	≤730*4kG
Charging Terminal Weight	≤110KG	
Installation Method	Floor-Stand Type	
Cable Routing	Bottom Inlet Wiring,Top Outlet Wiring	
Charging Outlets	Double(CCS2+CCS2) single (MCS)	Double(CCS2+CCS2) 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)	

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
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Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10( Screen IK08 )
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Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection