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Beny 2 Guns DC EV Charging Station

40kW -240kW

480V voltage level version



Datasheet

Product Overview

The Beny DC electric vehicle charging station features a 21-inch touchscreen for easy operation and supports customizable three-phase voltages of 480V voltage level version. The product is certified with CE, RCM, UKCA, TUV, and RoHS, and comes equipped with comprehensive protection functions. With convenient app control and Ethernet/4G/WiFi connectivity, you can confidently and efficiently charge your electric vehicles.



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	BDC180-D	BDC210-D
		
Structure Description		
Shell Material	Galvanized Sheet	
Dimension	800*800*1800(L*W*H mm)	
Packing Dimension	1050*1100*2035(L*W*H mm)	
Weight	≤400kG	≤420kG
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)
Connectivity Authorization	RFID, App	
Screen	21 Inch LCD Screen/LED Light	
Electrical Specification		
AC Input Voltage	AC480V, 3P+N+PE	
Rated Input Current	244A	281A
Input Frequency	50Hz/60Hz	
Consumption	≤24W	
Rated Power	180kW	210kW
Output Voltage Range	CCS1/CCS2/GBT/NACS: 150Vdc ~1000Vdc;CHADEMO: 150Vdc ~ 500Vdc	
Output Current	CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A	
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
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
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection