evb.com

Beny 2 Guns DC EV Charging Station

60kW -240kW

220V 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 220V 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	BDC40-D	BDC60-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	≤320kG	≤340kG
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	AC220V, 3P+N+PE	
Rated Input Current	111A	166A
Input Frequency	50Hz/60Hz	
Consumption	≤24W	
Rated Power	40kW	60kW
Output Voltage Range	CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc	
Output Current	CCS1/CCS2:0~200A; GBT/NACS:0~200A; CHADEMO:0~150A	CCS1/CCS2:0~250A; 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