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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	BDC40-D	BDC60-D	BDC80-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	≤300kG	≤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	AC480V, 3P+N+PE		
Rated Input Current	53A	80A	107A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	40kW	60kW	80kW
Output Voltage Range	CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		
Output Current	CCS1/CCS2:0~133A; GBT/NACS:0~133A; CHADEMO:0~150A	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