



Beny Wall-mounted DC EV Charger

22kW



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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BENY

Product Overview

The Beny Wall-mounted DC EV Charger is equipped with an impressive 5-inch touch screen that offers intuitive control, as well as comprehensive full protection features. Enjoy convenient app control and Ethernet/4G/WiFi connection, and charge your EV confidently and efficiently!

Logo

LCD Screen

LED Light

RFID

Product Advantages



5-inch touch screen



IP65 Rating



Ethernet/4G/WIFI



Independent Duct



RFID



APP Control



Full Protection



OCPP 1.6J

Model Selection

Wall-mounted DC EV Charger	BVDC 22
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Structure Description	
Shell Material	Galvanized Sheet
Dimension	680*380*200(L*W*H mm)
Packing Dimension	900*510*450(L*W*H mm)
Column size	480*480*1580(L*W*H mm)
Weight	≤46.5kG
Installation Method	Wall-mounted/Column installation (optional)
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring
Total length of gun cable	5 m
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/NACS)
Connectivity Authorization	RFID, App
Screen	5 Inch LCD Screen / LED Light
Electrical Specification	
AC Input Voltage	AC380V-415V,3P+N+PE
Rated Input Current	35A
Input Frequency	50Hz/60Hz
Consumption	≤10w
Rated Power	22kW
Output Voltage Range	CCS1/CCS2/GBT/NACS: 150 Vdc –1000 Vdc CHADEMO: 150 Vdc –500 Vdc
Output Current	0~73.3A
Efficiency	≥95%
Power Factor	≥0.99(load:100%)

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	IEC 61851-21-2:2021; IEC 61000-6-2:2019; EN61000-6-4:2019; IEC 61851-1:2019; EN 61851-23:2014; EN 61851-24:2014
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℃~+55℃
Working Temperature	-30℃~+50℃
Working Humidity	5%~95%
Protection Level	IP65 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