



Beny Wall-mounted DC EV Charger

20kW / 30kW
/ 40kW



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 7-inch touch screen that offers intuitive control. Rest assured that we have certifications such as CE, CB, RCM, UKCA, TUV and RoHS, as well as comprehensive full protection features. Enjoy convenient app control and Ethernet/4G/WiFi connection, and charge your EV confidently and efficiently!

LED Light

LCD Screen

Logo

RFID

Emergency
Button Switch

DC Gun

Product Advantages



7-inch
touch screen



IP55 Rating



Ethernet/4G/WiFi



RFID



APP Control



Full Protection



OCPP 1.6J

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Model Selection

Wall-mounted DC EV Charger	BBDC20	BBDC30	BBDC40
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	450*250*850(L*W*H mm)		
Packing Dimension	1085*625*540(L*W*H mm)		
Weight	≤70kG	≤80kG	≤80kG
Installation Method	Wall-mounted		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Single (CCS1/CCS2/GBT/NACS/CHADEMO)		
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V-415V,3P+N+PE		
Rated Input Current	34A	51A	68A
Input Frequency	50Hz/60Hz		
Consumption	≤15W		
Rated Power	20kW	30kW	40kW
Output Voltage Range	CCS1/CCS2/GBT/NACS: 150 Vdc –1000 Vdc		
Output Current	0~66.5A	0~100A	0~133A
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℃~+55℃
Working Temperature	-30℃~+50℃
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