



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.



VERSION: 20240507-01

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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, UKCA, and RoHS, as well as comprehensive full protection features. Enjoy convenient app control and Ethernet/4G connection, and charge your EV confidently and efficiently!



LED Light

Emergency
Button Switch

LCD Screen

DC Gun

Logo

RFID

Product Advantages



7-inch
touch screen



IP55 Rating



Ethernet/4G



Full Protection



OCPP 1.6J



RFID



APP Control

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Model Selection



Structure Description

Shell Material	Sheet Metal		
Dimension	450*250*850(L*W*T)		
Weight	≤70kg	≤80kg	≤80kg
Installation Method	Wall-mounted		
Cable Routing	Bottom Inlet Wiring, Up Outlet Wiring		
Cable Length	5 M		
Charging Outlets	Single (CCS1/CCS2/GBT)		
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		

Electrical Specification

AC Input Voltage	AC400V±10%, 3P+N+PE/AC		
Input Frequency	50Hz/60Hz		
Consumption	≤15wh		
Rated Power	20KW	30KW	40KW
Output Voltage Range	CCS1/CCS2/GBT: 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	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 1.6
Network Interface	Ethernet/4G

Environment Condition

Application Place	Indoor/Outdoor
Working Latitude	<2000m
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection