

BENY EV CHARGER

Smart Charging Solution



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COMPANY INTRODUCTION

BENY new energy offers a reliable and robust electric fast charger with an attractive design that is easy to own and operate, with high quality power electronic components. It is a powerful charging station that can deliver up to 262 kW, with CCS1/CCS2/CHAdeMO/AC charging outlets.

We are a leading brand in annually producing hundreds of thousands of quality DC protection products and EV charging stations for complete and reliable solar photovoltaic, battery energy storage, and EV charging system. Certified by UL, SAA, CB, CE, TUV, UKCA, ISO, and RoHS, we have the first listed patented DC switch and produce creative solutions like the AFCI solution for rooftop fire protection, dynamic load balancing, and PEN fault detection of EV charger.



100.
R&D Engineers



100.
Possess an invention
patent



Certification
Has been granted by
several countries



40.
National and regional
customer recognition





WHY CHOOSE US

70⁺

Countries
powered by EVB

1000k

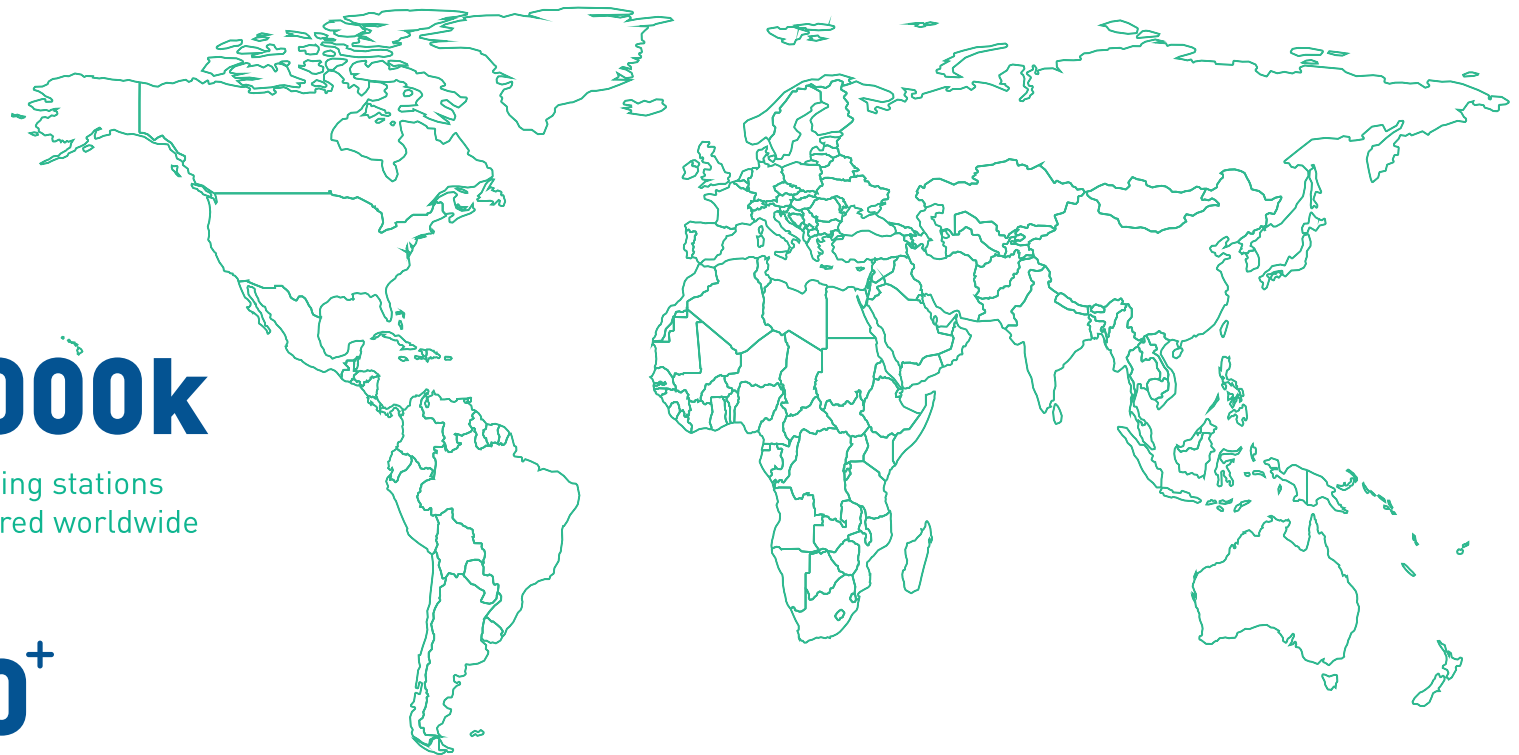
Charging stations
delivered worldwide

50⁺

Professional
technicians

30⁺

Years of
Experience





Contents

BENY comprises a set of products and solutions designed to facilitate Electric Vehicle (EV) charging. We aim to provide user-friendly solutions for electric vehicle charging in different scenarios, such as urban streets, intercity roads and public or private car parking lots, for multiple or single users. Our product portfolio offers a wide product range that covers slow charging (AC) and fast charging (DC). BENY is developing fast with a presence in 60 countries.

Home EV Charger

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BENY OCPP Platform Overview

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Portable AC Charger

3.7kW



OLED Screen

Button

Casing

LED Indication

Product Overview

This CE-certified Beny portable AC charger enables convenient and satisfying charging experience with OLED screen and comprehensive protection.

Product Advantages



IP66
Waterproof



OLED
Screen



Full
Protection

Model Selection

Portable AC Charger	BCPP-A1-16
	European standard
	
Maximun Power	3.7kw
Input/Output Voltage	AC230V 1-Phase
Charging Current Range	8A-16A
Frequency	50HZ/60HZ
Display	OLED Screen + LED Light
DLB	✗
Wall-mounted	✗
Adjustable Current	✓
Timed Charging	✓
Plug options	✓
Weekly Reservation Charging	✗
History Charging Records	✗
Bluetooth	✗
WIFI	✗
APP	✗
CP Signal Abnormal Protection	✓
Over Voltage Protection	✓
Under Voltage Protection	✓
Over Current Protection	✓
Leakage Protection	✓

✓ : Standard ○ : Optional ✗ : Without

Over Temperature Protection	✓
Relay Adhesion Protection	✓
Lightning Protection	✓
Fire Protection	✓
Anti-pressure Protection	✓
Ground Protection	✓
Working Life	<10000 times
Plug Cable Length	1m
Total Length	7m as standard (Customized length available)
IP Protection	IP66
Operating Temperature	-30°C ~ +50°C
Storage temperature	-40°C-85°C
Operating Altitude	<2000m

Plug Types

	EU(German)	AU	ZA	UK	BRA
					
Model Type	ZH-3	YP-39A	ZH-70A	YP-61A	ZH-72B
Current/Voltage	16A/250V~	20A/250V~	16A/250V~	13A/250V~	16A/250V~
Wire	H07BZ5-F 3G 2.5mm ²	H05VV-F 3G 2.5mm ²	H07RN-F 3G 2.5mm ²	H05VV-F 3G 2.5mm ²	H07RN-F 3G 2.5mm ²
Material	P.V.C	P.V.C	P.V.C	P.V.C	P.V.C

Portable + Wall-mounted 2 in 1

7.4kW / 22kW



Type 2 Connector to EV



Product Overview

The Beny Portable + Wall-Mounted 2-in-1 EV Charger features connectivity of Bluetooth and Wi-Fi, along with App control capability. It allows car owners to charge their EVs using a standard household power outlet anywhere, offering both efficiency and portability.

Product Advantages



More
Connectors



Wall-Mounted
& Portable



4.3-inch
Touch Screen



Bluetooth
& Wi-Fi



IP65
Waterproof



Full
Protection



Wireless
DLB / Solar
Compatible

Model Selection

Portable + Wall-mounted 2 in 1	BCPP-A2N-32	BCPP-AT2N-32
	European standard	
		
Maximun Power	7.4kw	22kw
Input/Output Voltage	AC230V 1-Phase	AC400V 3-Phase
Charging Current Range	6A-32A	6A-32A
Frequency	50HZ/60HZ	
Display	4.3-inch touch screen + LED Light	
DLB	☐	☐
Wall-mounted	☒	☒
Adjustable Current	☒	☒
Timed Charging	☒	☒
Plug options	☒	☒
Weekly Reservation Charging	☒	☒
History Charging Records	☒	☒
Bluetooth	☒	☒
WIFI	☒	☒
APP	☒	☒
CP Signal Abnormal Protection	☒	☒
Over Voltage Protection	☒	☒
Under Voltage Protection	☒	☒
Over Current Protection	☒	☒
Leakage Protection	☒	☒
Over Temperature Protection	☒	☒
Relay Adhesion Protection	☒	☒

☒ : Standard ☐ : Optional ☒ : Without

Lightning Protection	☒	☒
Fire Protection	☒	☒
Over Temperature Protection	☒	☒
Relay Adhesion Protection	☒	☒
Lightning Protection	☒	☒
Fire Protection	☒	☒
Anti-pressure Protection	☒	☒
Ground Protection	☒	☒
Working Life	<10000 times	
Plug Cable Length	1m	
Total Length	7m as standard (Customized length available)	
IP Protection	IP65	
Operating Temperature	-30°C ~ +50°C	
Storage temperature	-40°C - 85°C	
Operating Altitude	<2000m	

☒ : Standard ☐ : Optional ☒ : Without

Plug Types

	EU(German)	AU	ZA	UK	BRA	USA
						
Model Type	ZH-3	YP-39A	ZH-70A	YP-61A	ZH-72B	ZH-02
Current/Voltage	16A/250V~	20A/250V~	16A/250V~	13A/250V~	16A/250V~	15A/125V
Wire	H07BZ5-F 3G 2.5mm ²	H05VV-F 3G 2.5mm ²	H07RN-F 3G 2.5mm ²	H05VV-F 3G 2.5mm ²	H07RN-F 3G 2.5mm ²	SJ 14AWG*3C*2.08mm ²
Material	P.V.C	P.V.C	P.V.C	P.V.C	P.V.C	N.P.C-45P

						
Model Type	TYPR285	TYPR281	TYPR235	TYPR231	Three-phase cable/0.9M	Three-phase cable/0.9M
Current/Voltage	32A/230V [3 Phase]	32A/230V [1 Phase]	16A/230V [3 Phase]	16A/230V [1 Phase]	32A/230V [3 Phase]	32A/230V [1 Phase]
Wire	H07BZ5-F 5G6mm ² +1*0.75mm ²	H07BZ5-F 3G6mm ² +1*0.75mm ²	H07BZ5-F 5G2.5mm ² +1*0.75mm ²	H07BZ5-F 3G2.5mm ² +1*0.75mm ²	H07BZ5-F 5G6mm ² +1*0.75mm ²	H07BZ5-F 3G6mm ² +1*0.75mm ²
Material	nylon	nylon	nylon	nylon	/	/

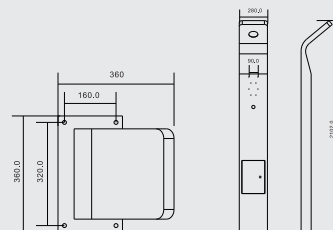
Customize Your Own Color



Product Overview

Dear customer, thank you for your attention to our EV Charger! We offer a variety of custom color options to perfectly match your personal style. Whether you prefer something bright and lively or sophisticated, we can create a EV Charger that matches your living environment and deco. Whether it is for your home, office or public space, your custom charging station will add a unique charm, let's embark on a customization journey together.

Product Description



Material:	RECD + spray molding process
Product size:	360*360*2100mm
Product function:	with human body light control sensor light
Wall thickness:	2mm
Base plate thickness:	5mm
Product weight:	33.2kg
Product packaging:	400*420*2140mm

Plug and Play AC Charger

7.4kW

Logo

RFID

Type 2 Socket

LED Light

Emergency
Button SwitchElectric Leakage
Test Button

Order Your Style



Product Overview

The Beny plug-and-play AC charger is an optimal wall-mounted choice for all users. It's CE and UKCA certified for safety and compliance and solar compatible, making it a versatile selection for eco-conscious drivers. The DLB technology allows smart power adjustment and distribution.

Product Advantages



Wall-Mounted

DLB and Solar
CompatibleIP55/65
Rating

RFID

Full
Protection

Model Selection

Plug and Play AC Charger	BCP-A1D-L	BCP-A2D-L	BCP-B1D-L	BCP-B2D-L
				
Categorization	Plug and Play AC Charger			
Maximum Power	7.4kW			
Input Voltage /Output voltage	AC230 1-Phase			
Input Frequency	50/60Hz			
Meter	Metering Chip			
Display	LED Lights			
RFID	✗	✓	✗	✓
DLB	○	○	○	○
Wi-Fi	✗	✗	✗	✗
APP	✗	✗	✗	✗
Bluetooth	✗	✗	✗	✗
Over Voltage &Under Voltage Protection	✓	✓	✓	✓
Emergency Stop	✓	✓	✓	✓
Over Current Protection	✓	✓	✓	✓
CP Signal Short Circuit Protection	✓	✓	✓	✓
Over Temperature Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Contacter Adhesion Protection	✓	✓	✓	✓
Protection Degree	IP65	IP65	IP55	IP55
Environment Temperature	-25°C~+55°C			
Maximun Altitude	<2000m			

✓ : Standard ○ : Optional ✗ : Without

Plug and Play AC Charger	BCP-A1D-L-E	BCP-A2D-L-E	BCP-B1D-L-E	BCP-B2D-L-E
				
Categorization	Plug and Play AC Charger			
Maximum Power	7.4kW			
Input Voltage /Output voltage	AC230 1-Phase			
Input Frequency	50/60Hz			
Meter	Metering Chip			
Display	LED Lights			
RFID	✗	✓	✗	✓
DLB	○	○	○	○
Wi-Fi	✗	✗	✗	✗
PEN	✓	✓	✓	✓
APP	✗	✗	✗	✗
Bluetooth	✗	✗	✗	✗
Over Voltage &Under Voltage Protection	✓	✓	✓	✓
Emergency Stop	✓	✓	✓	✓
Over Current Protection	✓	✓	✓	✓
CP Signal Short Circuit Protection	✓	✓	✓	✓
Over Temperature Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Contacter Adhesion Protection	✓	✓	✓	✓
Protection Degree	IP65	IP65	IP55	IP55
Environment Temperature	-25°C~+55°C			
Maximun Altitude	<2000m			

✓ : Standard ○ : Optional ✗ : Without

Smart AC Charger Solutions

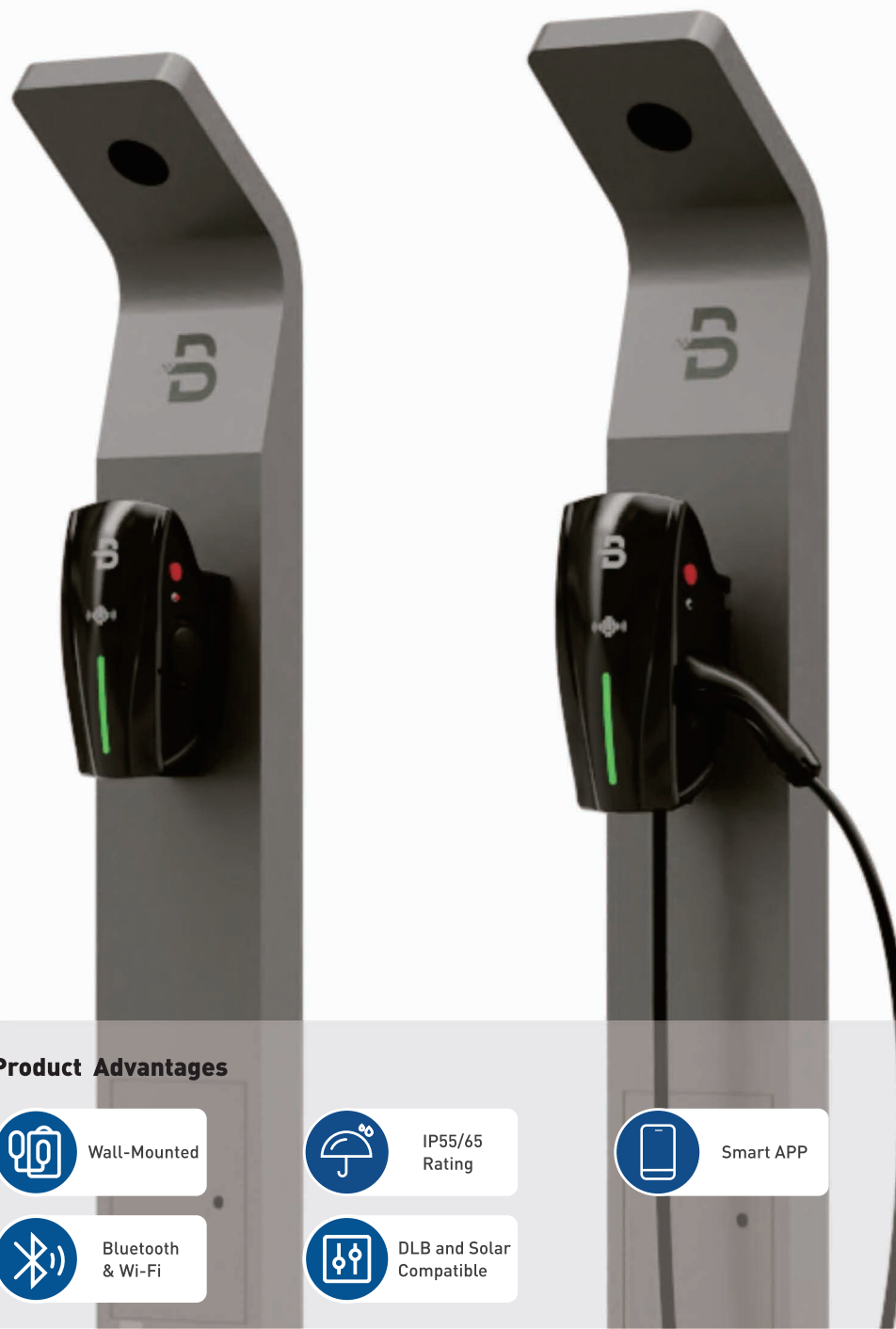
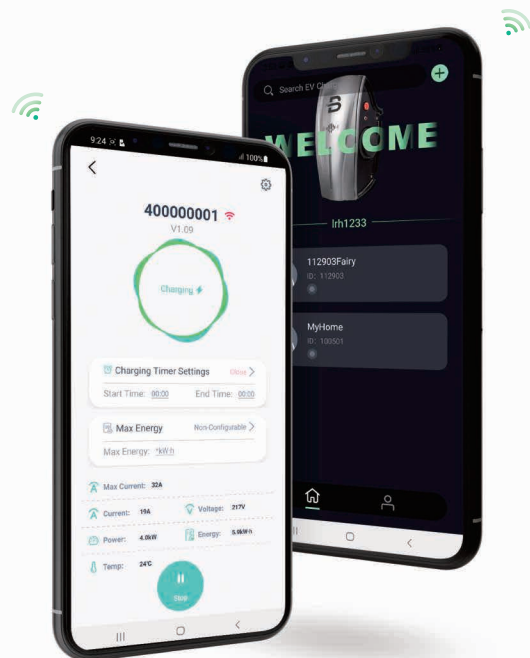
7.4kW / 22kW

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Smart AC Charger

7.4kW / 22kW



Order Your Style



Product Overview

The Beny wall-mounted smart AC charger is designed for reliable, convenient, and efficient charging experience. It can be realized with features like CE&UKCA certifications, full protection, Wi-Fi&Bluetooth connectivity, etc. Its DLB function and smart app also add to the intelligence.

Product Advantages



Wall-Mounted



Bluetooth
& Wi-Fi



IP55/65
Rating



DLB and Solar
Compatible



Smart APP



Full
Protection

Model Selection

Smart AC Charger	BCP-A1N-L	BCP-A2N-L	BCP-B1N-L	BCP-B2N-L
				
Categorization	Smart AC Charger			
Maximum Power	7.4kW			
Input Voltage /Output voltage	AC230 1-Phase			
Input Frequency	50/60Hz			
Meter	Metering Chip			
Display	LED Lights			
RFID	✗	✓	✗	✓
DLB	○	○	○	○
Wi-Fi	✓	✓	✓	✓
APP	✓	✓	✓	✓
Bluetooth	✓	✓	✓	✓
Over Voltage &Under Voltage Protection	✓	✓	✓	✓
Emergency Stop	✓	✓	✓	✓
Over Current Protection	✓	✓	✓	✓
CP Signal Short Circuit Protection	✓	✓	✓	✓
Over Temperature Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Contactor Adhesion Protection	✓	✓	✓	✓
Protection Degree	IP65	IP65	IP55	IP55
Environment Temperature	-25°C~+55°C			
Maximun Altitude	<2000m			

✓ : Standard ○ : Optional ✗ : Without

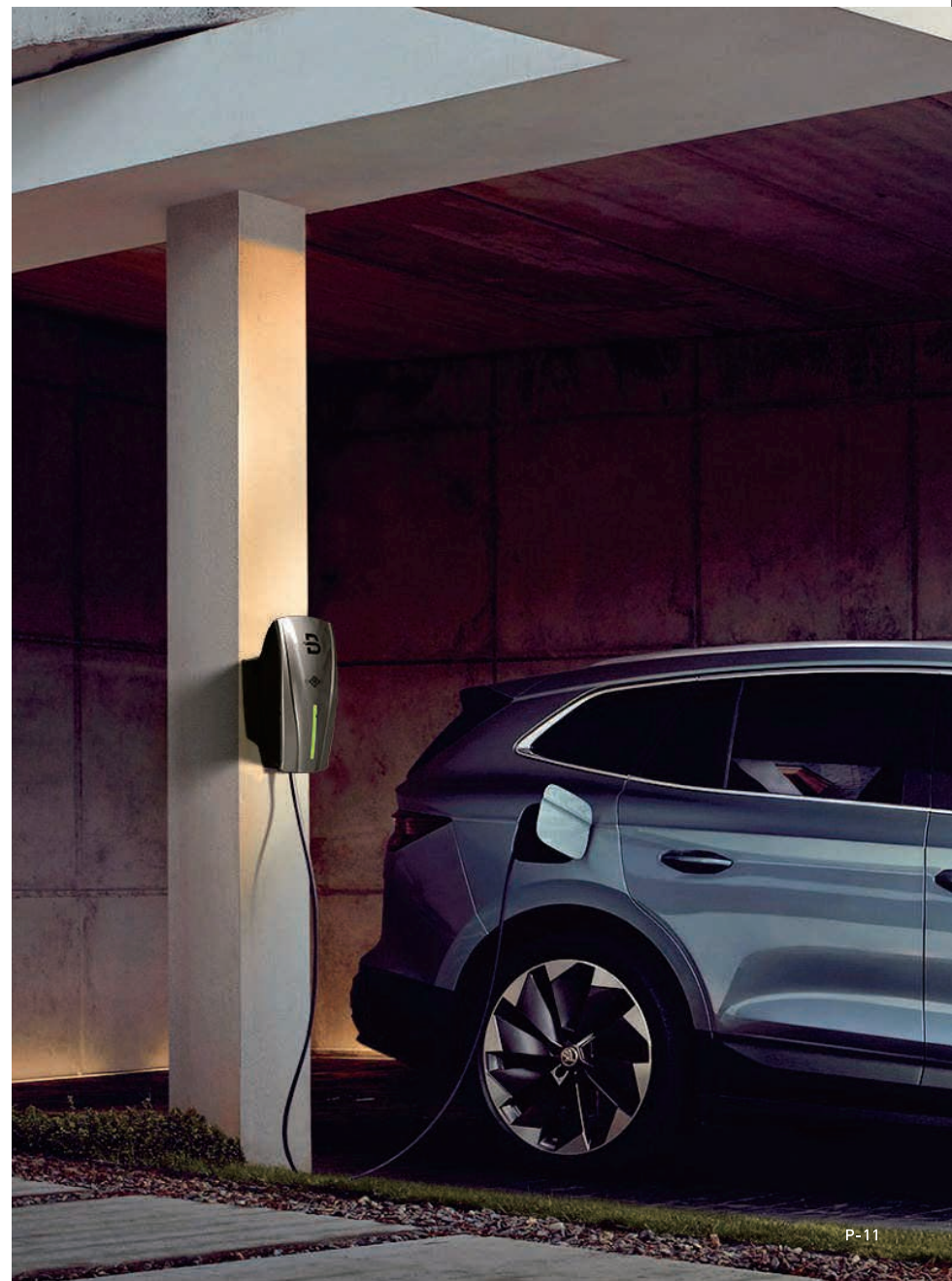
Smart AC Charger	BCP-A1N-L-E	BCP-A2N-L-E	BCP-B1N-L-E	BCP-B2N-L-E
				
Categorization	Smart AC Charger			
Maximum Power	7.4kW			
Input Voltage /Output voltage	AC230 1-Phase			
Input Frequency	50/60Hz			
Meter	Metering Chip			
Display	LED Lights			
RFID	✗	✓	✗	✓
DLB	○	○	○	○
Wi-Fi	✓	✓	✓	✓
PEN	✓	✓	✓	✓
APP	✓	✓	✓	✓
Bluetooth	✓	✓	✓	✓
Over Voltage &Under Voltage Protection	✓	✓	✓	✓
Emergency Stop	✓	✓	✓	✓
Over Current Protection	✓	✓	✓	✓
CP Signal Short Circuit Protection	✓	✓	✓	✓
Over Temperature Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Contactor Adhesion Protection	✓	✓	✓	✓
Protection Degree	IP65	IP65	IP55	IP55
Environment Temperature	-25°C~+55°C			
Maximun Altitude	<2000m			

✓ : Standard ○ : Optional ✗ : Without

Model Selection

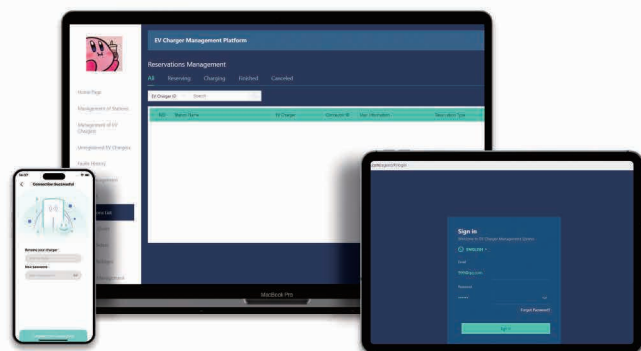
Smart AC Charger	BCP-AT1N-L	BCP-AT2N-L	BCP-BT1N-L	BCP-BT2N-L
				
Categorization	Smart Version			
Maximum Power	22kW			
Input Voltage /Output voltage	AC400 3-Phase			
Input Frequency	50/60Hz			
Meter	Metering Chip			
Display	LED Lights			
RFID	✗	✓	✗	✓
DLB	○	○	○	○
Wi-Fi	✓	✓	✓	✓
APP	✓	✓	✓	✓
Bluetooth	✓	✓	✓	✓
Over Voltage & Under Voltage Protection	✓	✓	✓	✓
Emergency Stop	✓	✓	✓	✓
Over Current Protection	✓	✓	✓	✓
CP Signal Short Circuit Protection	✓	✓	✓	✓
Over Temperature Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Contactor Adhesion Protection	✓	✓	✓	✓
Protection Degree	IP65	IP65	IP55	IP55
Environment Temperature	-25°C~+55°C			
Maximun Altitude	<2000m			

✓ : Standard ○ : Optional ✗ : Without



OCPP AC Charger

7.4kW / 22kW



Secure and Safe

Safety Assurance
30mA Type A+6mA DC residual current protection.

Anti-Welding Protection
Prevents welding incidents.

Innovativeness

Ergonomic Design
User-friendly enclosure design.

Versatile Options
Optional design with T25 socket, switch between single-phase and three-phase.

Smarter Charging

Multiple Communication Support
Wi-Fi/4G/Ethernet communication options.

Scheduled Charging via App
Set charging schedule using the app.

Load Balancing System Control
Balancing the load distribution.

PV Compatibility
Compatible with photovoltaic systems.

Flexible Options

Multiple Choices
Type 2 cable or Type 2 socket options, wall-mounted or floor-stand installation.

Convenient Operations
RFID authentication, Plug and Play, APP options for easy start.

All Colors Options
Available in all different colors.



Order Your Style



Product Overview

Have enjoyable charging experience with the Beny wall-mounted OCPP AC charger, certified by authoritative associations. It is designed to be intelligent, reliable, convenient, and efficient. Control your charger by smart app and various connectivity.

Product Advantages



Wall-Mounted



Full Protection



IP55/65 Rating



Wi-Fi/Ethernet /Bluetooth/4G



Smart APP



DLB and Solar Compatible

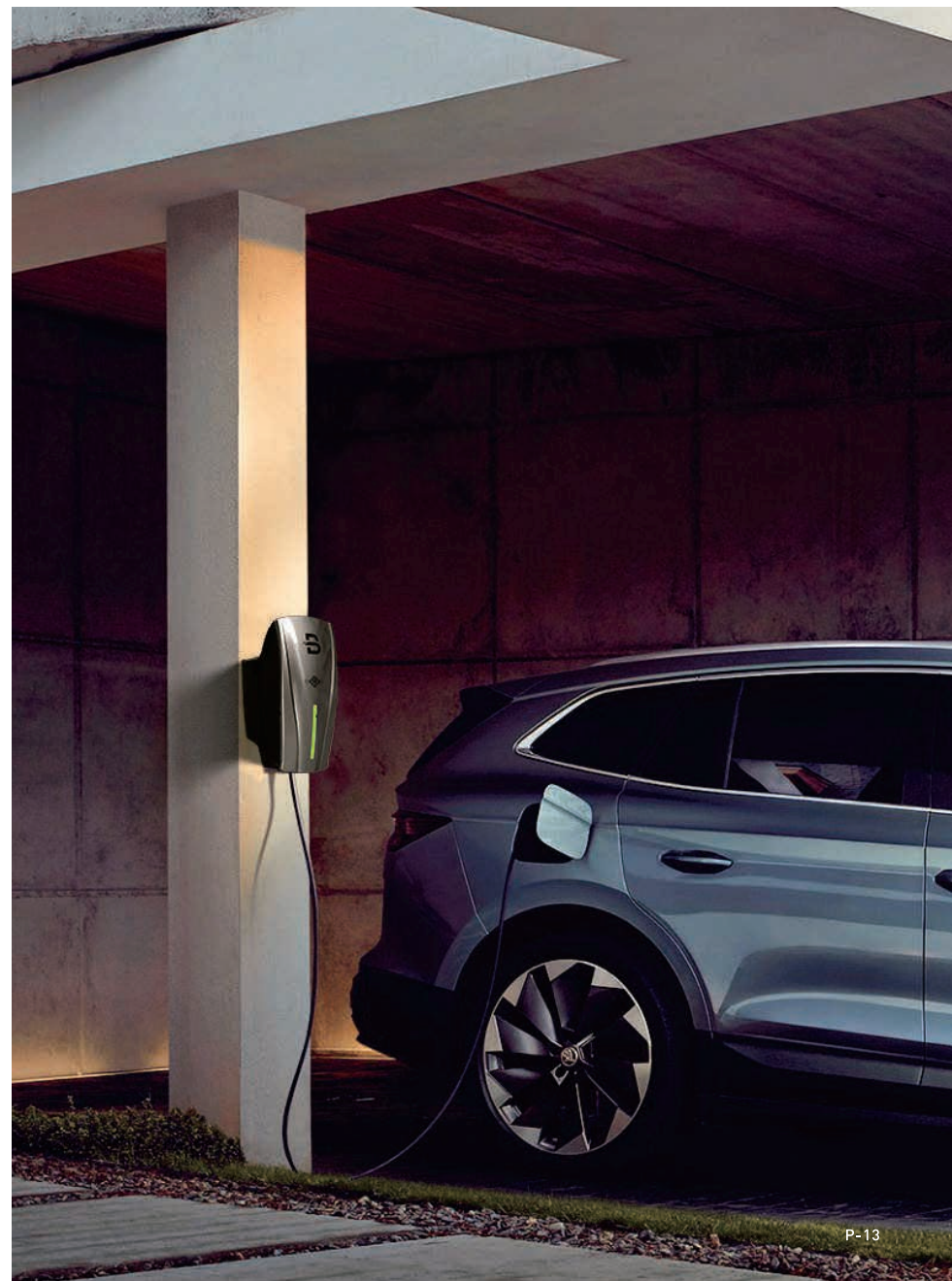


OCPP 1.6J

Model Selection

OCPP AC Charger	BCP-A2N-P	BCP-B2N-P	BCP-AT2N-P	BCP-BT2N-P
				
Categorization	7.4kW		22kW	
Maximum Power	AC230 1-Phase		AC400 3-Phase	
Input Voltage /Output voltage	50/60Hz			
Input Frequency	Tethered	Socket	Tethered	Socket
Meter	Built-in metering chip + external MID meter (optional)			
Display	LED Lights			
RFID	✓	✓	✓	✓
DLB	○	○	○	○
Wi-Fi	✓	✓	✓	✓
Ethernet	✓	✓	✓	✓
Bluetooth	✓	✓	✓	✓
4G	○	○	○	○
Over Voltage & Under Voltage Protection	✓	✓	✓	✓
Emergency Stop	✓	✓	✓	✓
Over Current Protection	✓	✓	✓	✓
CP Signal Short Circuit Protection	✓	✓	✓	✓
Over Temperature Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Contactor Adhesion Protection	✓	✓	✓	✓
Protection Degree	IP65	IP55	IP65	IP55
Environment Temperature	-25℃~+55℃			
Maximun Altitude	<2000m			

✓ : Standard ○ : Optional



Technical Parameters



Electrical

Charging Capacity	1.3kW – 7.4kW / 4.1kW – 22kW
Charge Mode	Mode 3 (IEC 61851-1)
Output Power	Selectable 1-phase or 3-phase, 230-400V 6A -32A, 50-60Hz
Socket Type	Type 2 Socket



Protection and certification

Build-in RCD	DC6mA leakage sensor built-in
Socket	IP65, IK10
Operating Temperature	-25~+55°C
Compliance	IEC61851-1, IEC61851-21-2, IEC61000-4, CE EMC EU/2014, CE Low Voltage EU/2014/35
Certificate	CE, UKCA, CB, RCM



Connectivity

Authorization	Auto-start standard / RFID card option
Status Indication	LED ring
WLAN Communication	Wi-Fi / Bluetooth 4.2 option
Charging Protocol	OCPP1.6-J



Mechanical

Housing	Plastic
Dimension	W278 x H360 x D152 mm
Mounting	Wall or Pole



WIFI

Operating Frequency Range	2412 - 2484MHz
Wi-Fi Protocols	IEEE 802.11 b/g/n
Channels	13
TX Power	<20dbm
EIRP	0.459
TX bandwidth	20MHz/40MHz
Modulation type	OFDM & DSSS
Transmitting Duty Cycle	10%



BlueTooth BLE

Sensitivity @30.8% PER	-93 dbm
Co-channel C/I	+10db
RF Power Control Range	-12 ~ 9dbm



NFC

Modulation Type	ASK
Operating Frequency	13.56MHz
H-field strength	21.31 dBuA/m @3m distance
Antenna Type	Coil Antenna

Dual Socket AC EV Charger

T2S AC EV Charger

Floor Mounted AC EV Charger

Wall-mounted DC EV Charger

DC EV Charging Station

Commercial EV Charger

Dual Socket AC EV Charger Solutions

7.4kW_{x2} / 22kW_{x2}

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Dual Socket AC EV Charger

7.4kW_{x2} / 22kW_{x2}

Logo

LCD Screen

RFID

LED Light

Emergency
Button SwitchElectric Leakage
Test Button

Type 2 Socket



Product Overview

Elevate your charging experience with the Beny Dual Socket AC EV charger, certified by reputable associations. It's engineered for intelligence, reliability, convenience, and efficiency. Take charge of your charger through a smart app and multiple connectivity options. Enjoy seamless interaction with a 5.0-inch touch screen interface.

Product Advantages

5.0-inch
Touch Screen

OCPP 1.6J

Wi-Fi/Ethernet
/Bluetooth/4GFull
ProtectionDLB and Solar
Compatible

IP55 Rating

Model Selection

Dual Socket AC EV Charger	BCPC-B2N-P	BCPC-BT2N-P	BCPC-D2N-P	BCPC-DT2N-P
				
Maximum Power	7.4kW	22kW	2x7.4kW	2x22kW
Input Voltage /Output voltage	AC230 1-Phase	AC400 3-Phase	AC230 1-Phase	AC400 3-Phase
Input Frequency	50/60Hz			
Tethered/Socket	Socket			
Meter	MID Meter		2xMID Meter	
Display	LCD Screen+LED Lights			
RFID	☒	☒	☒	☒
DLB	☐	☐	☐	☐
Wi-Fi	☒	☒	☒	☒
Ethernet	☒	☒	☒	☒
Bluetooth	☒	☒	☒	☒
4G	☐	☐	☐	☐
Over Voltage &Under Voltage Protection	☒	☒	☒	☒
Emergency Stop	☒	☒	☒	☒
Over Current Protection	☒	☒	☒	☒
CP Signal Short	☒	☒	☒	☒
Circuit Protection	☒	☒	☒	☒
Over Temperature Protection	☒	☒	☒	☒
Lightning Protection	☒	☒	☒	☒
Contactor Adhesion Protection	☒	☒	☒	☒
Protection Degree	IP55	IP55	IP55	IP55
Environment Temperature	-25°C~+50°C			
Maximun Altitude	<2000m			

✓ : Standard ○ : Optional



T2S AC EV Charger Solutions

7.4kW / 22kW



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T2S AC EV Charger

7.4kW / 22kW



Product Overview

Enhance your charging experience with the Beny Dual Socket AC EV charger, endorsed by CE&UKCA and featuring the T2S socket option. Experience effortless interaction with its 5.0-inch touch screen interface. Take control of your charger via a smart app and various connectivity choices.

Product Advantages



T2S Socket Option



Wi-Fi/Ethernet /Bluetooth/4G



DLB and Solar Compatible



IP65 Rating



Full Protection



OCPP 1.6J



5.0-inch Touch Screen

Model Selection

T2S AC EV Charger	BCPM-A2N-P	BCPM-AT2N-P
		
Maximum Power	7.4kW	22kW
Input Voltage /Output voltage	AC230V 1-Phase	AC400V 3-Phase
Input Frequency	50/60Hz	
Tethered/Socket	Tethered	
Meter	Built-in metering chip + external MID meter (optional)	
Display	LED Lights	
RFID	✓	✓
DLB	○	○
Wi-Fi	✓	✓
Ethernet	✓	✓
Bluetooth	✓	✓
4G	○	○
Over Voltage &Under Voltage Protection	✓	✓
Emergency Stop	✓	✓
Over Current Protection	✓	✓
CP Signal Short Circuit Protection	✓	✓
Over Temperature Protection	✓	✓
Lightning Protection	✓	✓
Contactor Adhesion Protection	✓	✓
Length of gun cable	5M	
Rate Charging Current	6-32A	
Protection Degree	IP65	
Environment Temperature	-30°C~+55°C	
Storage Temperature	-40°C~+85°C	
Maximun Altitude	<2000m	

✓ : Standard ○ : Optional

T2S AC EV Charger	BCPM-B2N-P	BCPM-BT2N-P
		
Maximum Power	7.4kW	22kW
Input Voltage /Output voltage	AC230V 1-Phase	AC400V 3-Phase
Input Frequency	50/60Hz	
Tethered/Socket	Socket	
Meter	Built-in metering chip + external MID meter (optional)	
Display	LED Lights	
T2S Socket	○	○
RFID	✓	✓
DLB	○	○
Wi-Fi	✓	✓
Ethernet	✓	✓
Bluetooth	✓	✓
4G	○	○
Over Voltage &Under Voltage Protection	✓	✓
Emergency Stop	✓	✓
Over Current Protection	✓	✓
CP Signal Short Circuit Protection	✓	✓
Over Temperature Protection	✓	✓
Lightning Protection	✓	✓
Contactor Adhesion Protection	✓	✓
Rate Charging Current	6-32A	
Protection Degree	IP65	
Environment Temperature	-30°C~+55°C	
Storage Temperature	-40°C~+85°C	
Gross Weight	9.3KG	
Maximun Altitude	<2000m	

✓ : Standard ○ : Optional

Model Selection

T2S AC EV Charger	BPCPM-A2N-P	BPCPM-AT2N-P
		
Maximum Power	7.4kW	22kW
Input Voltage /Output voltage	AC230V 1-Phase	AC400V 3-Phase
Input Frequency	50/60Hz	
Tethered/Socket	Tethered	
Meter	Built-in Electric Meter	
Display	Five-inch LCD Screen + LED Lights	
RFID	✓	✓
DLB	○	○
Wi-Fi	✓	✓
Ethernet	✓	✓
Bluetooth	✓	✓
4G	○	○
Over Voltage &Under Voltage Protection	✓	✓
Emergency Stop	✓	✓
Over Current Protection	✓	✓
CP Signal Short Circuit Protection	✓	✓
Over Temperature Protection	✓	✓
Lightning Protection	✓	✓
Contactor Adhesion Protection	✓	✓
Built-in Electric Meter	✓	✓
Length of gun cable	5M	
Rate Charging Current	6-32A	
Protection Degree	IP65	
Environment Temperature	-30°C~+55°C	
Storage Temperature	-40°C~+85°C	
Maximun Altitude	<2000m	

✓ : Standard ○ : Optional

Wallbox Models	BPCPM-B2N-P	BPCPM-BT2N-P
		
Maximum Power	7.4kW	22kW
Input Voltage /Output voltage	AC230V 1-Phase	AC400V 3-Phase
Input Frequency	50/60Hz	
Tethered/Socket	Socket	
Meter	Built-in Electric Meter	
Display	Five-inch LCD Screen + LED Lights	
T2S Socket	○	○
RFID	✓	✓
DLB	○	○
Wi-Fi	✓	✓
Ethernet	✓	✓
Bluetooth	✓	✓
4G	○	○
Over Voltage &Under Voltage Protection	✓	✓
Emergency Stop	✓	✓
Over Current Protection	✓	✓
CP Signal Short Circuit Protection	✓	✓
Over Temperature Protection	✓	✓
Lightning Protection	✓	✓
Contactor Adhesion Protection	✓	✓
Built-in Electric Meter	✓	✓
Rate Charging Current	6-32A	
Protection Degree	IP65	
Environment Temperature	-30°C~+55°C	
Storage Temperature	-40°C~+85°C	
Gross Weight	9.3KG	
Maximun Altitude	<2000m	

✓ : Standard ○ : Optional

Floor Mounted AC EV Charger Solutions

2 x 22kW

WWW.EVB.COM



Floor Mounted AC EV Charger

2 x 22kW

Logo

LCD Screen

RFID

LED Light

Emergency
Button Switch

Type 2 Socket

AC Gun



Product Overview

Enhance your charging experience with the Beny Floor Mounted AC EV charger, endorsed by CE&UKCA and featuring the T2S socket option. Experience effortless interaction with its 5.0-inch touch screen interface. Take control of your charger via a smart app and various connectivity choices.

Product Advantages

T2S Socket
Option

IP55 Rating

5.0-inch
Touch ScreenFull
ProtectionWi-Fi/Ethernet
/Bluetooth/4GDLB and Solar
Compatible

Model Selection

Floor Mounted AC EV Charger	BCPCV-DT2N-P	BCPCV-CT2N-P
		
Maximum Power	2*22kW	2*22kW
Input Voltage /Output voltage	AC400V 3-Phase	AC400V 3-Phase
Input Frequency	50/60Hz	
Tethered/Socket	Socket	Tethered
Meter	Built-in Electric Meter	
Display	Five-inch LCD Screen + LED Lights	
Charging protocol	OCPP1.6-J	
Incoming line method	Single Input	
Rate Charging Current	2*[6-32A]	
T2S Socket	☐	☒
RFID	☒	☒
DLB	☐	☐
Wi-Fi	☒	☒
Ethernet	☒	☒
Bluetooth	☒	☒
4G	☐	☐
Over Voltage &Under Voltage Protection	☒	☒
Emergency Stop	☒	☒
Over Current Protection	☒	☒
CP Signal Short Circuit Protection	☒	☒
Over Temperature Protection	☒	☒
Lightning Protection	☒	☒
Contactor Adhesion Protection	☒	☒
Length of gun cable	/	5M
Protection Degree	IP55	
Environment Temperature	-30°C~+55°C	
Charger Dimension	350mm*220mm*1422mm	
Maximun Altitude	<2000m	

✓ : Standard ○ : Optional ✗ : Without



Dynamic Load Balancing

Fast Charging

DLB charging stations support fast charging, significantly reducing charging time and enhancing the convenience of electric vehicles.

Intelligent Management

DLB charging stations are equipped with intelligent management systems that monitor and control parameters such as current, voltage, and temperature during the charging process, ensuring safe and efficient charging.



Interconnectivity

DLB charging stations often support interconnectivity with other charging stations and vehicle management systems, enabling seamless communication and remote management of the charging station.

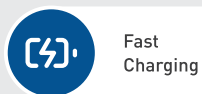
Charging Reservation

DLB charging stations may support users to make advance reservations for charging, allowing them to secure charging slots at specific times, enhancing convenience and flexibility.

Product Overview

When the EV charger is working with other household appliances at the same time, the DLB box can maintain the dynamic balance of the total household current and ensure the safety of electricity to avoid home over load. Set the Max current value of the main line on the DLB box. The charger will read this current value and automatically adjust the charging current (6A-32A) according to the idle load quota, so that the total household current will not be overloaded due to charging. This function can effectively use the power supply without providing additional power for the charging or home line update.

Product Advantages



Fast
Charging



Intelligent
Management



Interconnectivity



Charging
Reservation

Wall-mounted DC EV Charger

20kW / 30kW / 40kW



Product Overview

The Beny Wall-mounted DC EV Charger is equipped with an impressive 9.1-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!

Product Advantages



7-inch
Touch Screen



APP Control



OCPP 1.6J



Ethernet/4G



IP55 Rating



Full
Protection



RFID

Model Selection

Wall-mounted DC EV Charger		BBDC20	BBDC30	BBDC40
				
Structure Description				
Shell Material		Sheet Meal		
Dimension		450*250*850(L*W*T)		
Weight		≤65kG		
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		AC380V±15%, 3P+N+PEAC		
Input Frequency		50Hz/60Hz		
Consumption		≤15wh		
Rated Power		20KW	30KW	40KW
Output Voltage Range		CCS1/CCS2/GBT: 150 Vdc –1000 Vdc		
Output Current		0~66.7A	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

DC EV Charging Station

30kW-262kW



Product Overview

The Beny DC EV Charging Station boasts a remarkable 7-inch touch screen for effortless control. It comes with a range of certifications including CE, CB, UKCA, TUV, and RoHS, and offers robust full protection features. With convenient app control and Ethernet/4G connectivity, you can charge your EV with confidence and efficiency.

Product Advantages



7-inch
Touch Screen



OCPP 1.6J



IP55 Rating



RFID



APP Control



Ethernet/4G



Full
Protection

Model Selection

DC EV Charging Station	BDC30-S	BDC40-S	BDC60-S
			
Structure Description			
Shell Material	Sheet Metal		
Dimension	800*800*1800(L*W*T)		
Weight	≤450kg		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length	5 M		
Charging Outlets	Single [CCS1/CCS2/GBT/CHADEMO]		
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V±15% ,3P+N+PEAC		
Input Frequency	50Hz/60Hz		
Consumption	≤24wh		
Rated Power	30kW	40kW	60kW
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc~1000Vdc; CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/GBT: 0~100A CHADEMO: 0~100A	CCS1/GBT: 0~125A CCS2: 0~133A CHADEMO: 0~125A	CCS1/GBT: 0~250A CCS2: 0~200A CHADEMO: 0~125A
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
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,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection

Model Selection

DC EV Charging Station	BDC90-S	BDC120-S	BDC150-S
			
Structure Description			
Shell Material	Sheet Metal		
Dimension	800*800*1800(L*W*T)		
Weight	≤450kG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length	5 M		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO)		
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V±15% ,3P+N+PEAC		
Input Frequency	50Hz/60Hz		
Consumption	≤24wh		
Rated Power	90kW	120kW	150kW
Output Voltage Range	150Vdc ~ 1000Vdc		
Output Current	CCS1/GBT: 0~250A CCS2: 0~200A CHADEMO: 0~125A		CCS1/CCS2/GBT: 0~250A CHADEMO: 0~125A
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
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

Model Selection

DC EV Charging Station		BDC180-S	BDC240-S
			
Structure Description			
Shell Material	Sheet Metal		
Dimension	800*800*1800(L*W*T)		
Weight	≤450kG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length	5 M		
Charging Outlets	Single [CCS1/CCS2/GBT/CHADEMO]		
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V±15% ,3P+N+PEAC		
Input Frequency	50Hz/60Hz		
Consumption	≤24wh		
Rated Power	180kW	240kW	
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc ~ 1000Vdc; CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/GBT: 0~250A CHADEMO: 0~125A		
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
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

Model Selection

DC EV Charging Station		BDC60-D	BDC90-D	BDC120-D
				
Structure Description				
Shell Material		Sheet Metal		
Dimension		800*800*1800(L*W*T)		
Weight		≤500kg		
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length		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)	
Connectivity Authorization		RFID, App		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V±15% ,3P+N+PEAC		
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		60kW	90kW	120kW
Output Voltage Range		CCS1/CCS2/GBT: 150Vdc ~1000Vdc;CHADEMO: 150Vdc ~500Vdc		
Output Current		CCS1/CCS2/GBT:0~250A;CHADEMO:0~125A		
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
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

Model Selection

DC EV Charging Station		BDC150-D	BDC180-D	BDC240-D
				
Structure Description				
Shell Material		Sheet Metal		
Dimension		800*800*1800(L*W*T)		
Weight		≤500kg		
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length		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)	
Connectivity Authorization		RFID, App		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V±15% ,3P+N+PEAC		
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		150kW	180kW	240kW
Output Voltage Range		CCS1/CCS2/GBT: 150Vdc ~1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1/CCS2/GBT:0~250A;CHADEMO:0~125A		
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
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

Model Selection

DC EV Charging Station		BDDC60-D	BDDC90-D	BDDC120-D
				
Structure Description				
Shell Material		Sheet Metal		
Dimension		800*800*1800[L*W*T]		
Weight		≤500kG		
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length		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)	
Connectivity Authorization		RFID, App		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
DC Input Voltage		600Vdc~780Vdc		
Consumption		≤24W		
Rated Power		60kW	90kW	120kW
Output Voltage Range		CCS1/CCS2/GBT: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		
Output Current		CCS1/CCS2/GBT:0~250A;CHADEMO:0~125A		
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
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

Model Selection

DC EV Charging Station

BDDC240-D



Structure Description

Shell Material	Sheet Metal		
Dimension	800*800*1800(L*W*T)		
Weight	≤500kg		
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring, Up Outlet Wiring		
Cable Length	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)
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		

Electrical Specification

DC Input Voltage	600Vdc~780Vdc		
Consumption	≤24W		
Rated Power	240kW		
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		
Output Current	CCS1/CCS2/GBT:0~250A;CHADEMO:0~125A		
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

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,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection

Model Selection

DC EV Charging Station	BADC52-S	BADC82-S	BADC112-S
			
Structure Description			
Shell Material	Sheet Metal		
Dimension	800*800*1800(L*W*T)		
Weight	≤500kg		
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length	5 M		
Charging Outlets	Double(CCS2+AC) Double(CHADEMO+AC) Double(CCS1+AC) Double(GBT+AC)		
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V±15% ,3P+N+PEAC		
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	52kW	82kW	112kW
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc ~1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/GBT: 0~100A CHADEMO: 0~100A AC:0-32A	CCS1/GBT: 0~125A CCS2: 0~133A CHADEMO: 0~125A AC:0-32A	CCS1/GBT: 0~250A CCS2: 0~200A CHADEMO: 0~125A AC:0-32A
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
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

Model Selection

DC EV Charging Station	BADC142-S	BADC172-S	BADC202-S
			
Structure Description			
Shell Material	Sheet Metal		
Dimension	800*800*1800(L*W*T)		
Weight	≤500kG		
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length	5 M		
Charging Outlets	Double(CCS2+AC) Double(CHADEMO+AC) Double(CCS1+AC) Double(GBT+AC)		
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V±15% ,3P+N+PEAC		
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	142kW	172kW	202kW
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc ~1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/GBT: 0~250A CCS2: 0~200A CHADEMO: 0~125A AC:0-32A	CCS1/CCS2/GBT: 0~250A CHADEMO: 0~125A AC:0-32A	
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
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

Model Selection

DC EV Charging Station		BADC262-S	
			
Structure Description			
Shell Material		Sheet Metal	
Dimension		800*800*1800(L*W*T)	
Weight		≤500kG	
Installation Method		Floor-stand Type	
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring	
Cable Length		5 M	
Charging Outlets		Double(CCS2+AC) Double(CHADEMO+AC) Double(CCS1+AC) Double(GBT+AC)	
Connectivity Authorization		RFID, App	
Screen		7 Inch LCD Screen/LED Light	
Electrical Specification			
AC Input Voltage		AC380V±15% ,3P+N+PEAC	
Input Frequency		50Hz/60Hz	
Consumption		≤24W	
Rated Power		262kW	
Output Voltage Range		CCS1/CCS2/GBT: 150Vdc ~1000Vdc;CHADEMO: 150Vdc ~ 500Vdc	
Output Current		CCS1/CCS2/GBT:0~250A;CHADEMO:0~125A;AC:0-32A	
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
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,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection

Model Selection

DC EV Charging Station		BADC82-D	BADC112-D	BADC142-D
				
Structure Description				
Shell Material	Sheet Metal			
Dimension	800*800*1800(L*W*T)			
Weight	≤500kG			
Installation Method	Floor-stand Type			
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring			
Cable Length	5 M			
Charging Outlets	Triple(CCS2+CCS2+AC) Triple(CCS1+GBT+AC) Triple(CCS1+CHADEMO+AC) Triple(CHADEMO+CHADEMO+AC)	Triple(CCS1+CCS1+AC) Triple(CCS2+GBT+AC) Triple(CCS2+CHADEMO+AC)	Triple(CCS2+CCS1+AC) Triple(CHADEMO+GBT+AC) Triple(GBT+GBT+AC)	
Connectivity Authorization	RFID, App			
Screen	7 Inch LCD Screen/LED Light			
Electrical Specification				
AC Input Voltage	AC380V±15% ,3P+N+PEAC			
Input Frequency	50Hz/60Hz			
Consumption	≤24W			
Rated Power	82kW	112kW	142kW	
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc			
Output Current	CCS1/CCS2/GBT:0~250A;CHADEMO:0~125A;AC:0-32A			
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
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
MTBF	24 Months Warranty
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection

Model Selection

DC EV Charging Station		BADC172-D	BADC202-D	BADC262-D
				
Structure Description				
Shell Material		Sheet Metal		
Dimension		800*800*1800(L*W*T)		
Weight		≤500kG		
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length		5 M		
Charging Outlets		Triple(CCS2+CCS2+AC) Triple(CCS1+GBT+AC) Triple(CCS1+CHADEMO+AC) Triple(CHADEMO+CHADEMO+AC)	Triple(CCS1+CCS1+AC) Triple(CCS2+GBT+AC) Triple(CCS2+CHADEMO+AC)	Triple(CCS2+CCS1+AC) Triple(CHADEMO+GBT+AC) Triple(GBT+GBT+AC)
Connectivity Authorization		RFID, App		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V±15% ,3P+N+PEAC		
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		172kW	202kW	262kW
Output Voltage Range		CCS1/CCS2/GBT: 150Vdc ~1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		0~125A		
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
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

2 Guns DC EV Charging Station (with liquid cooling)

320kW-360kW



Product Overview

The Beny DC EV Charging Station boasts a remarkable 7-inch touch screen for effortless control. It comes with a range of certifications including CE, CB, UKCA, TUV, and RoHS, and offers robust full protection features. With convenient app control and Ethernet/4G connectivity, you can charge your EV with confidence and efficiency.

Product Advantages



7-inch
Touch Screen



OCPP 1.6J



IP55 Rating



RFID



APP Control



Ethernet/4G



Full
Protection



Cable
management



500A

Model Selection

DC EV Charging Station	BDC320-D	BDC360-D
		
Structure Description		
Shell Material	Sheet Metal	
Dimension	800*800*1800(L*W*T)	
Weight	≤500kg	
Installation Method	Floor-stand Type	
Cable Routing	Bottom Inlet Wiring, Up Outlet Wiring	
Cable Length	5 M	
Charging Outlets	Double(CCS2+CCS2)	
Connectivity Authorization	RFID, App	
Screen	7 Inch LCD Screen/LED Light	
Electrical Specification		
AC Input Voltage	AC380V±15% ,3P+N+PEAC	
Input Frequency	50Hz/60Hz	
Consumption	≤24W	
Rated Power	320kW	360kW
Output Voltage Range	CCS2: 150Vdc ~1000Vdc	
Output Current	CCS2: 0~500A (liquid cooling)	
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
Communcion	
OCPP	OCPP 1.6J
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,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection

Floor-Mounted Split DC EV Charger

60kW - 120kW



Product Overview

Remarkable 43-inch Advertising screen for effortless control. It comes with a range of certifications including CE, CB, UKCA, TUV, and RoHS, and offers robust full protection features. With convenient app control and Ethernet/4G connectivity, you can charge your EV with confidence and efficiency.

Product Advantages



43-inch
Touch Screen



OCPP 1.6J



IP55 Rating



RFID



APP Control



Ethernet/4G



Full
Protection

Model Selection

DC EV Charging Station		BGDC60-D	BGDC90-D	BGDC120-D
				
Structure Description				
Shell Material		Sheet Metal		
Dimension		700*520*1800(L*W*T)		
Weight		≤500kG		
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Cable Length		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)	
Connectivity Authorization		RFID, App		
Screen		43-Inch Advertising Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V±15% ,3P+N+PEAC		
Input Frequency		50Hz/60Hz		
Consumption		≤40W		
Rated Power		60kW	90kW	120kW
Output Voltage Range		CCS1/CCS2/GBT: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		
Output Current		CCS1/CCS2/GBT:0~250A;CHADEMO:0~125A		
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	
OCCP	OCCP 1.6J
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

Optional Features for DC Charging Stations

Charging Gun Cable Management System

Mounting the charging gun cable prevents it from dragging on the ground, extending its service life.



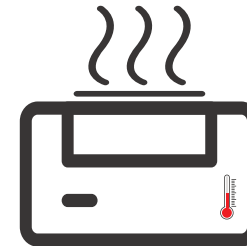
POS Machine Payment

Supports various payment methods such as chip & pin, magnetic stripe, contactless, and QR code payments, ensuring transaction security and expediting the transaction process.



Heater

Specially designed for cold regions to ensure that the DC charging station can operate normally even in extremely low temperatures.

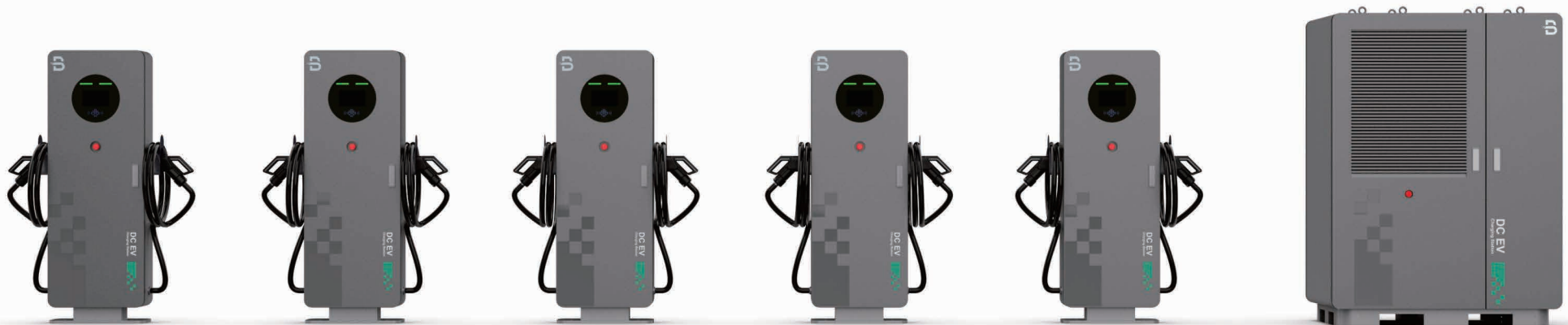


Over/Under Voltage Protection Device

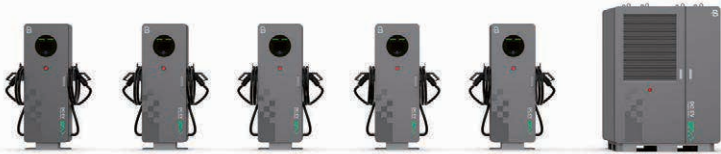
Ensures that the components of the DC charging station are not damaged in the event of significant fluctuations in grid voltage.

Floor-Mounted Split DC EV Charger

360kW - 600kW



Model Selection

DC EV Charging Station	BSDC360-180D3	BSDC480-240D4	BSDC600-250D5
			
Structure Description			
Shell Material	Sheet Metal		
Rectifier Cabinet Dimension	1400*800*1910(L*W*T)		
Charging Temminal Dimension	600*230*1700(L*W*T)		
Rectifier Cabinet Weight	≤800kG		
Charging Temminal Weight	≤110KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
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)	
Connectivity Authorization	RFID, App		
Cable Length	Custom		
Screen	7 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V±15% ,3P+N+PEAC		
Input Frequency	50Hz/60Hz		
Consumption	≤30WH		
Rated Power	360kW	480kW	600kW
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		

Output Current	CCS1/CCS2/GBT:0~250A;CHADEMO:0~125A
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
Communion	
OCPP	OCPP 1.6J
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,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection

Energy Storage System Integrated Compact Charging System

60/80KW+42.5KWh



Product Advantages



7-inch
Touch Screen



OCPP 1.6J



IP55 Rating



RFID



APP Control



Ethernet/4G



Full
Protection



Cable
management

Model Selection

DC EV Charging Station		BDESC-8040
		
Basic Parameter		
Product Specification	Type	DC charging station
	Dimension	0.8m*0.8m*2.1m (w*d*h)
	Installation	Floor type
	Material	Industrial Grade Alloy
	Color	Grey silver sand
	Weight	600kg
Energy storage system	Battery Capacity	42.5kW·h
	Usable Energy (SAT)	40.4 kW·h 95% DOD
	Max. recharge Power	20kw
	Battery charging Rate	≤0.5C
	Battery discharge Rate	≤1C
	Battery Efficiency	≥94.5% under nominal situation
	Cycle Life	>6000 25°C ,60% EOL
Charging system	IP Ranking	IP54
	Connectors	1
	Charging power	DC Max.30/40kW +30/40kW=60kW/80kW
	Power distribution	1 connectors intelligent distribution
	Charging voltage	300V~1000V
Meter	Efficiency	≥96.5%
	DC side	DC meter[MID PTB optional]
Cooling system	Battery cooling	Air-cooled
	Power modules	Air-cooled
	Cable cooling	Air-cooled

User Interface	Display size	19 Inch
Payment System	RFID, credit card	
Connectivity	GSM & LTE & LAN &WLAN	
Communication	OCPP 1.6J	
Communication		
Environment Parameter		
	Applicable site	Outdoors
	Ambient temperature	-30 -50 over 45 derating
	Humidity	≤95% No condensation
	Altitude	≤2000m
	Noise Emission	≤70dB under nominal situation
	EMC Emission	Class B
	Medium	No explosive hazardous, No toxic & harmful gases.
	Interference	Without strong vibration and shock, no strong electromagnetic interference
Input, Output		
	Input Voltage	3Phrase 400VAC +/- 15%
	Input Frequency	50Hz±1Hz
	Output Voltage Range	150VDC-1000VDC
	Constant-power voltage output range	300VDC-1000VDC
	Nominal power output	30/40kW + 30/40kW
	Current output	Max. 200A CCS2 continuously
Safety		
	IP ranking	IP54
	Safety protection	Input protection, Overcurrent protection, Lightning protection, Over-temperature protection, output over-voltage protection, fan protection, short circuit
Standard		
	Battery level	IEC 62619,,IEC/EN 61000-6-1/3 UN38.3
	System level	IEC 61851-1,IEC 61851-23,IEC 61851-21-2,IEC 61851-24

BENY OCPP Platform Overview

Secure and Safe

Safety Assurance:

30mA Type A+6mA DC residual current protection.

Anti-Welding Protection:

Prevents welding incidents.

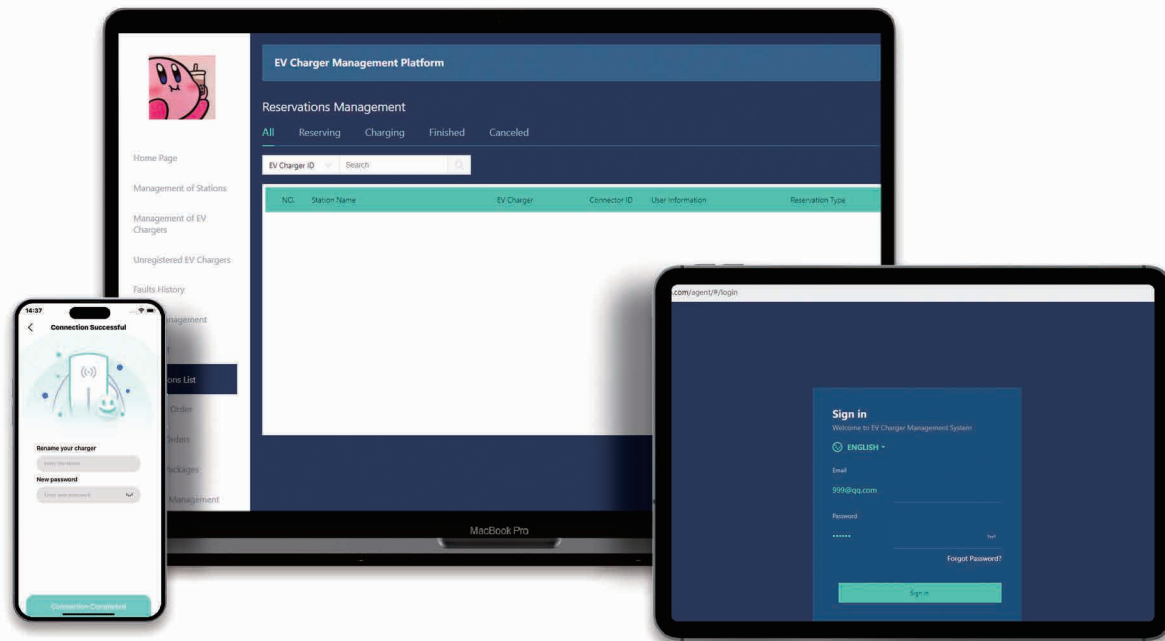
Innovativeness

Ergonomic Design:

User-friendly enclosure design.

Versatile Options:

Optional design with T2S socket, switch between single-phase and three-phase.



Smarter Charging

Multiple Communication Support:

Wi-Fi/4G/Ethernet communication options.

Scheduled Charging via App:

Set charging schedule using the app.

Load Balancing System Control:

Balancing the load distribution.

PV Compatibility:

Compatible with photovoltaic systems.

Flexible Options

Multiple Choices:

Type 2 cable or Type 2 socket options, wall-mounted or floor-stand installation.

Convenient Operations:

RFID authentication, Plug and Play, APP options for easy start.

All Colors Options:

Available in all different colors.

Product Overview

BENY OCPP is a cloud platform based on OCPP 1.6J that gathers data from a specific set of EV chargers and helps you create and manage your own charging network. Therefore, monitoring, controlling the chargers remotely and/or reporting processes is simpler and automatic.

Product Advantages



Secure
and Safe



Innovativeness



Smarter
Charging



Flexible
Options

Smart Charging Solution



ZHEJIANG BENYI NEW ENERGY CO.,LTD.

WENZHOU BRIDGE INDUSTRIAL ZONE, BEIBAIXIANG TOWN, ZHEJIANG, CHINA

TEL: +86-577-5717 7008 FAX: +86-577-5717 7007

VERSION: 20231201

✉ info@evb.com

🌐 www.evb.com

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