

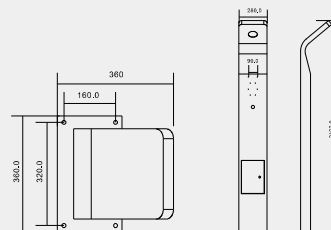
Customize Your Own Color



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	✓	✓	✓	✓
Contactors 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	✓	✓	✓	✓
Contactors Adhesion Protection	✓	✓	✓	✓
Protection Degree	IP65	IP65	IP55	IP55
Environment Temperature	-25°C~+55°C			
Maximun Altitude	<2000m			

✓ : Standard ○ : Optional ✗ : Without

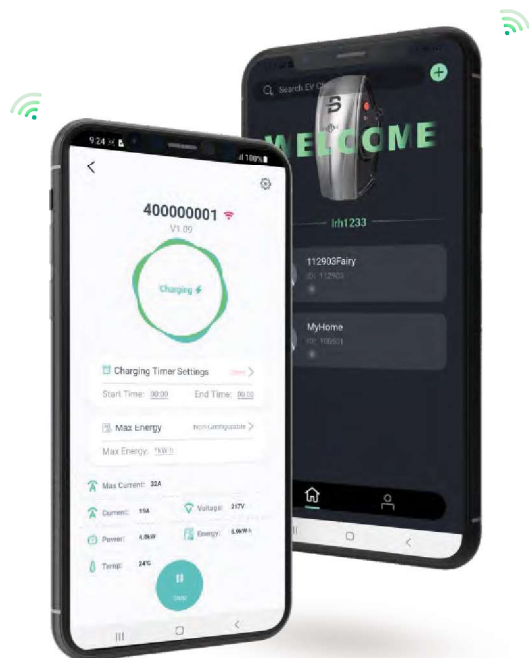
Smart AC Charger Solutions

7.4kW / 22kW

WWW.EVB.COM

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			
Maximum 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			
Maximum Altitude	<2000m			

✓ : Standard ○ : Optional ✗ : Without

Model Selection

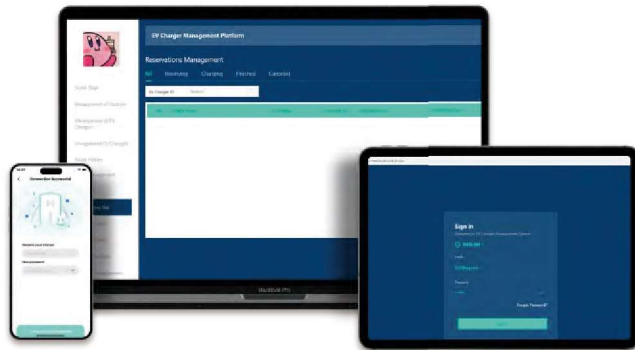
Smart AC Charger	BCP-AT1N-L	BCP-AT2N-L	BCP-BT1N-L	BCP-BT2N-L
				
Categorization	Smart Version			
Maximum Power	22kW			
Input Voltage /Output voltage	AC400 3-Phase			
Input Frequency	50/60Hz			
Meter	Metering Chip			
Display	LED Lights			
RFID	✗	✓	✗	✓
DLB	○	○	○	○
Wi-Fi	✓	✓	✓	✓
APP	✓	✓	✓	✓
Bluetooth	✓	✓	✓	✓
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	✓	✓	✓	✓
Contact Adhesion Protection	✓	✓	✓	✓
Protection Degree	IP65	IP55	IP65	IP55
Environment Temperature	-25°C~-+55°C			
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