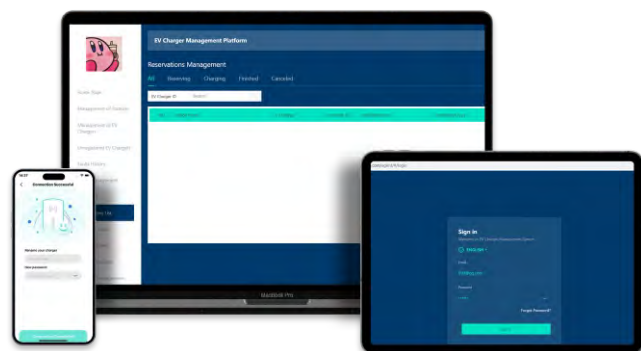


# OCPP AC Charger

## 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.

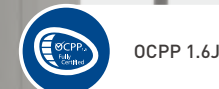
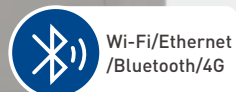
**All Colors Options**  
Available in all different colors.



## Product Overview

Have enjoyable charging experience with the Beny AC 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



# 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°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