



BENY

Datasheet



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Product Overview

Enjoy a satisfying charging experience with the fully certified BENY wall-mounted OCPP AC EV charger. It is designed to be intelligent, reliable, convenient, and efficient. Control your charger by smart app and various connectivity options.



Emergency
Button Switch

Function
Test Button

Wiring port

Logo

RFID

LED Light

Product Advantages



Wall-Mounted



IP65 Rating



Wi-Fi/Ethernet
/Bluetooth



OCPP 1.6J



Smart APP



DLB and Solar
Compatible



Full Protection

Order Your Style



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OCPP AC EV Charger

Electrical

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

Protection and certification

Build-in RCD	DC6mA Leakage Sensor Built-in
Protection Degree	IP65 , IK10
Housing Fire Ratings	V0
Operating Temperature	-30°C~+50°C
Compliance	IEC61851-1, IEC61851-21-2
Certificate	CE , CB , RCM

Connectivity

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

Mechanical

Housing	Plastic
Dimension	W210 x H398 x D119 mm
Mounting	Wall or Pole

Wi-Fi

Operating Frequency Range	2412 - 2484MHz
Wi-Fi Protocols	IEEE 802.11 b/g/n
Channels	14
TX Power	18.5~20.5dBm
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	13.29 dBuA/m@3m distance
Antenna Type	PCB antenna (coil)

LoRa

Working frequency band	410MHz-510MHz
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Model Selection

OCPP AC EV Charger	BCP-A2M-P	BCP-AT2M-P
		
Categorization	Tethered	
Maximum Power	7.4kW	22kW
Input Voltage /Output voltage	AC230V 1-Phase	AC400V 3-Phase
Input Frequency	50/60Hz	
Meter	Built-in metering chip + external MID meter (optional)	
Display	LED Lights	
RFID	✓	✓
DLB	○	○
Wi-Fi	✓	✓
Ethernet	✓	✓
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	
Environment Temperature	-30°C~~+50°C	

✓ : Standard ○ : Optional

Storage temperature	-40°C~~+85°C
Maximum Altitude	<2000m
Input Current	32A
Maximum Output Current	32A
Efficiency	about 100%
Working humidity	95% non-condensing
Cable length	5M
Gross Weight	7Kg
Standards	IEC61851-1,IEC61851-21-2
Communication interface	Wireless/LAN Port
Communication protocol	OCPP1.6-J
User management	Bluetooth/Wi-Fi/Smart APP
Starting	Auto-start standard / RFID card

OCPP AC EV Charger	BCP-A2M-P-16	BCP-AT2M-P-16
		
Categorization	Tethered	
Maximum Power	3.6kW	11kW
Input Voltage /Output voltage	AC230V 1-Phase	AC400V 3-Phase
Input Frequency	50/60Hz	
Meter	Built-in metering chip + external MID meter (optional)	
Display	LED Lights	
RFID	✓	✓
DLB	○	○
Wi-Fi	✓	✓
Ethernet	✓	✓
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	
Environment Temperature	-30°C~~+50°C	

✓ : Standard ○ : Optional

Storage temperature	-40°C~~+85°C
Maximum Altitude	<2000m
Input Current	16A
Maximum Output Current	16A
Efficiency	about 100%
Working humidity	95% non-condensing
Cable length	5M
Gross Weight	7Kg
Standards	IEC61851-1,IEC61851-21-2
Communication interface	Wireless/LAN Port
Communication protocol	OCPP1.6-J
User management	Bluetooth/Wi-Fi/Smart APP
Starting	Auto-start standard / RFID card