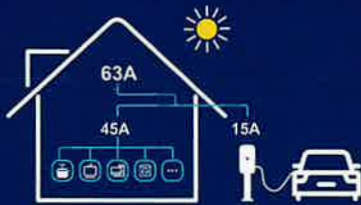


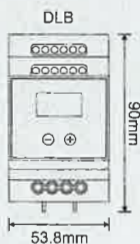


BENY EV Charger

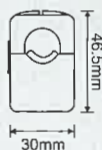


✓ Dynamic Load Balancing

DLB (Dynamic Load Balancing) is available in the BCPM series AC EV Charger for home use, 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.



Current transformer



LED tubes



Total current increase

Total current reduce

Smart Home Charger

OCP





● OCPP Version

Wallbox Models	BCP-A2N-L	BCP-B2N-L	BCP-AT2N-L	BCP-BT2N-L
				
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	Metering Chip			
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








Wall-mounted DC EV Charging Station

Parameter

Models	BBDC-20	BBDC-30	BBDC-40
			
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 (CCS2)		
Connectivity authorization	RFID, App		
Screen	9.1inch LCD screen/LED light		
Electrical Specification			
AC input voltage	AC380V±15% ,3P+N+PEAC		
input frequency	50Hz/60Hz		
Consumption	≤2W		
Rated power	20KW	30KW	40KW
Output voltage range	CCS1/2: 150 Vdc –1000 Vdc		
Output current	0~66.7A	0~100A	0~133A
Efficiency	≥94%		
Power factor	≥0.99(load:100%)		
Functionate design			
User Interface	Emergency stop button,LED indicator,card swiping,touch screen		
Charging stands	IEC61851-1:2011, IEC61851-23:2011, EN61851-1:2011, EN61851-23:2014, IEC61851-21-2:2018; EN61000-6-2:2005, EN61000-6-4:2007+A1		
Communication			



Charger Application

Destination	 Portable EV Charger	 T25 Socket EV Charger	 EV Charger	 Dual Socket EV Charger	 Wall-mounted DC EV Charging Station	 Stand Column 2 Guns DC EV Charging Station	 Stand Column 3 Guns DC EV Charging Station
Residential	✓	✓	✓	✓			
Workplace		✓	✓	✓	✓		
Commercial Parking		✓	✓	✓	✓	✓	✓
Hospitality		✓	✓	✓	✓	✓	✓
Fleet					✓	✓	✓
Fuel Retailer					✓	✓	✓