

## TECHNICAL DATASHEET

## Wallbox EV Charger

**BXC-B 7.4-22KW** // RESIDENTIAL USE // COMMERCIAL USE

Compact and versatile EV charger available in 7.4 kW (single-phase) and 22 kW (three-phase) versions with integrated cable. Designed for easy installation and user-friendly operation, compatible with most electric vehicle models on the market. Features advanced safety functions and a strong focus on sustainability to seamlessly integrate electric mobility into everyday life.



- ✓ Easy installation and user-friendly scenario.
- ✓ Controlled by APP, WIFI or bluetooth connection.
- ✓ Dynamic load balancing function.
- ✓ IP65 & IK10 certification.

## FEATURES



APP CONTROL



EV CHARGING



SOLAR COMPATIBLE



SMART SCHEDULING



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MODEL	BXC-B7.4KW	BXC-B22KW
<b>INPUT &amp; OUTPUT</b>		
Input & Output Voltage	AC 230V (1-Phase)	AC 400V (3-Phase)
Input Frequency	50/60Hz	
Tethered/Socket	. / -	
Output Power	1.3kW to 7.4kW	4.1kW to 22kW
Output Current	6A to 32A	6A to 32A
Meter	Built-in metering chip + external MID meter (optional)	
Residual Current Detection	DC 6mA	
Socket Type	Type 2 Socket with Shutter	
<b>USER INTERFACE &amp; CONTROL</b>		
Network Interface	WIFI, Bluetooth, Ethernet & 4G	
RFID Reader	Yes	
Status Indication	LED ring	
Function modes	Solar mode, balance loads mode	
<b>WORKING ENVIRONMENT</b>		
Ingress Protection	IP65	
Max. Altitude	<2,000m	
Storage Temperature	-40 ~ +85°C	
Operating Temperature	-30 ~ +55°C	
<b>MECHANICAL</b>		
Impact Protection Class	IK10	
UV Resistant	Yes	
Mounting	Wall or Pole	
Housing	Metal	
Dimensions (WxHxD)	278 x 360 x 152mm	
Length of gun cable	5m	
Weight	12kg	
<b>SAFETY</b>		
Over Voltage & Under Voltage Protection	Yes	
Contactor Adhesion Protection	Yes	
Lightning Protection	Yes	
Over Temperature Protection	Yes	
Emergency Stop	Yes	
Over Current Protection	Yes	
Certifications	CE, TUV / EN/IEC 61851-1	