



Wallbox

The Borochi Wallbox connects electric mobility with household energy flows. Dynamic load balancing improves safety and stability, while intelligent scheduling enables charging based on energy availability.

Electric mobility becomes a natural extension of the home energy system, intelligently aligned with generation, storage, and consumption.



Model	BOR-AC022-01 CE
Electrical Data	
Max. Charging Power [kW]	22
Rated Current [A]	6 - 32 (adjustable)
Rated Voltage [V]	230 (1-phase) / 400 (3-phase)
Rated Frequency [Hz]	50 / 60
Measurement Accuracy	±2%
Standby Power [W]	< 5
Earthing Systems	TN, TT, IT
Charging Connector	Type 2 Socket
Interface and Communication	
External Control	User App, Installer App
Local Control	RFID
Status Indicator	RGB Dynamic LED
Communication	Bluetooth® LE 4.2, WiFi (2.4 GHz)
Platform Protocol	OCPP 1.6 JSON
General Data	
Charging Modes	Immediate, Smart, PV Priority
Operating Temperature [°C]	-30 to +50
Storage Temperature [°C]	-40 to +85
Relative Humidity	≤ 95%, non-condensing
Operating Altitude [m]	≤ 2000
Weight [kg]	3
Dimensions (W×H×D) [mm]	260 × 260 × 112
Ingress Protection (IP) Rating	IP54
Impact Protection (IK) Rating	IK10
Overvoltage Category	CAT III
Insulation Class	Class I
Flammability Class	UL 94 V-0
Load Balancing	Supported
Phase Balancing	Supported
Material	Plastic and Aluminium Alloy
Installation Location	Indoor / Outdoor
Mounting Type	Wall-mounted / Pedestal-mounted
Cooling	Natural Convection
Residual Current Protection (RCD)	Type A (30 mA) required + DC 6 mA integrated
Basic Electrical Protection	Over/undervoltage protection; Overload protection; Short-circuit protection; Surge protection (lightning protection); Protective earth monitoring; CP monitoring; Temperature protection
Certification	EN IEC 61851-1; IEC 62955; CE; CB; UKCA; RoHS
Warranty	2 Years