Specification

EU Model	BOR-AC022-01CE
Output Power	Up to 22kW
Output Current	6-32A (adjustable)
Input Voltage	230V/400V (1/3-phase, 50Hz)
*Grounding System Support	TN, TT, IT
Charging Mode	Mode 3
Charging Connector	Type 2 socket with solenoid lock
Measurement Accuracy	±2%
Standby Power	<5W
User App and Configuration	Control charging with the Borochi App
Charging Status	Dynamic LED ring indicates for charging status
Authentication	RFID/NFC reader, app
Cloud Connection	WiFi 6
Local Connection	WiFi mesh, Bluetooth LE 5.3
OCPP	OCPP 1.6 JSON
Remote Diagnosis	Supported
Remote Upgrade	Supported
*Residual Current Protection	AC 30mA and DC 6mA
Basic Electrical Protection	Over/undervoltage protection, overloading protection, short-circuit protection, surge protection, grounding protection, CP abnormality protection, temperature protection.
Overvoltage Category	III
Insulation Class	I
Fire Classification	UL 94
IP Rating	IP54

Specification

EU Model	BOR-AC022-01CE
Impact Resistance	IK10
Dimensions (mm)	L260 x W260 x D112
Weight	3kg
Material	Plastic and aluminium alloy
Installation Type	Wall-mounted / Pedestal
Operating Temperature	-30°C to +50°C
Storage Temperature	-40°C to +85°C
Altitude Restriction	< 2000m
Certification	IEC 61851, IEC 62955, CE, CB, UKCA, RoHS

Note: The charger has an integrated RDC-DD with a rated residual current of 6 mA, in accordance with IEC 62955. However, the charger also requires at least a type A RCD 30mA or equivalent to meet installation requirements. Local wiring regulations must be consulted to confirm which additional upstream RCD should be used.

Radio power statement

Transmission type	Frequency	Maximum output power
Bluetooth LE 5.3	2400-2483.5MHz	< 20dBm
WiFi 6	802.11b/g/n/ax (2.4GHz)	< 20dBm
RFID	ISO/IEC 14443 A (Type A, 13.56MHz)	< 2.72 dBuA/m @ 3m