

C



Made to integrate.

amina C is designed to simplify operations, lower costs, and deliver best-in-class reliability.

Pre-configured setup for quick installations, premium connectivity, and offline data storage enables quicker resolutions, keeping downtime to a minimum.

Hardware ready for OCPP 2.0.1, built to grow with your business.

amina C

Always connected, always reliable

With a premium LTE Cat 1 Bis modem and dual-band WiFi, amina C keeps your chargers online at all times. Real-time monitoring and remote diagnostics will limit the need for troubleshooting, keeping your charge points running smoothly.

Pre-configured for instant operation

Custom, provisioned chargers ensure quick installation and automated setup meaning minimal downtime, cutting installation costs and speeding up deployment.

Built to scale with your business

amina C is engineered with precision, ready to meet evolving market demands. It's fully compatible with OCPP 2.0.1, ready for the latest encryption standards, and supports over-the-air updates for long-term performance.

Make amina C truly yours

Customise every detail of amina C, from the front cover to packaging. Strengthen your brand's presence with chargers that reflect your business identity, creating a seamless customer experience.

Technical specifications



General	Dimensions: 264mm x 112mm x 89mm Operating temperature: -30°C to +40°C
Weight	1,0 kg w/o cable 2,5 kg w/ 6m 3-phase 20A cable 3,5 kg w/ 6m 3-phase 32A cable
Power grid and voltages	TN, IT and TT 230V/400V AC 3-phase w/ Neutral 230V AC 1-phase
Charging Cable	Fixed cable included (replaceable) Type 2 plug (EN 62196) 6m 3-phase 20A/32A
Charging power 20A variant	3-phase output: 3,7 – 13,8 kW 1-phase output: 1,4 – 4,6 kW
Charging power 32A variant	3-phase output: 3,7 – 22,0 kW 1-phase output: 1,4 – 7,4 kW
Energy-meter	1 or 3-phase ±2 % accuracy
Communications interface	Bluetooth LE, and Zigbee 4G - LTE Cat 1 bis WiFi - 2.4 GHz & 5 GHz - IEEE 802.11a/b/g/n/ac/ax RFID / NFC – ISO/IEC 14443 A/B
Frequency utilization	13.56 MHz: < 42dBuA/m 2400 - 2483,5 MHz: <20dBm 5150 - 5350 MHz: <18dBm 5470 - 5725 MHz: <18dBm LTE bands B1/3/7/8/20/28: Class 3
OCPP	Local OCPP 1.6j with enhanced security Hardware ready for OCPP 2.0.1
Security features	Hardware Security and cryptography module TLS 1.3
Degree of protection	Resistant to impact, dust, water IP54: indoor and outdoor use IK08: impact protection UV-resistant
Electrical protection	Protection class I Overvoltage category III (4 kV)
Integrated RCD	RDC-DD (6mA DC)
Installation	Circuit breaker (max 40A) RCD (max 30mA AC) 4 – 16mm cable diameter Single core or stranded wires 1,5 – 6mm ² w/ ferrules 1,5 – 10mm ² w/o ferrules
Regulations and standards ①	RED 2014/53/EU RoHS 2011/65/EU

① The full text of the EU Declaration of Conformity (DoC) is available at download.aminacharging.com



aminacharging.com