

S2



Charge with speed and simplicity.

amina S2 is the EV charger made for your car and designed for your home.

Charge up to 22 kW and experience simple charging combined with future-proof smart home integrations. **amina S2** is now AFIR ready.

amina S2

Power in Simplicity

amina S2 is the small and fast EV charger made for your car and designed for your home. Designed and manufactured in Norway, optimised for all weather conditions and tight spaces. The 6-meter fixed cable is convenient, flexible and included at no extra cost.

Charge the way you want

amina S2 is made for both simple charging and future-proof smart home integrations.

- Plug in and charge – it's as simple as that.
- Smart homes – integrate the charger into a smart home for full smart charging functionality.
- Smart charging apps and electricity providers – connect a supported EV to charge smart and save money.

Maximum power

amina S2 is built to give your car maximum power when you need it. With a charging speed of up to 22 kW, **amina S2** can add 100 kilometers of range in just one hour.

Technical specifications



General	Dimensions: 264mm x 112mm x 89mm Operating temperature: -30°C to +40°C
Weight	1,0 kg w/o cable 2,4 kg w/ 6m 3-phase 20A cable 3,4 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) AST 100/20: 6m 3-phase 20A AST 100/32: 6m 3-phase 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 Frequency band: 2400 – 2483,5 MHz Maximum output power: 10mW
Degree of protection	Resistant to impact, dust, and 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	RED 2014/53/EU EN IEC 62311:2020 EN IEC 61851-1:2019 EN 62196-1:2014 EN 62196-2:2012+A11:2013+A12:2014 IEC 62955:2018 EN IEC 61851-21-2v:2021 EN 301 489-1 v2.2.3 EN 301 489-17 v3.2.4 EN 300 328 v2.2.2 RoHS 2011/65/EU EN IEC 63000:2018 ISO 15118-20 (according to AFIR – amina S2 only)



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