

S



Charge smarter, live easier.

amina S is the small, fast, and smart charger that gives you complete control over charging speed and energy consumption.

With its lightweight and flexible fixed cable, you can charge up to 22kW.

amina S

Simply smart

Charge smart just the way you want with amina S:

- Smart charging apps – Control charging through an app that also gives you the benefit of dynamic load balancing or charging when prices are lower.
- Smart homes – Connect the charger to a smart home for full smart charging functionality.
- Smart electricity providers – Charge smart and save money by connecting your car to an electricity provider.

Maximum power

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

Future-proof

Control and monitor your charging sessions, energy consumption, and cost through your smartphone. amina S is engineered to seamlessly integrate with smart homes via ZigBee, Bluetooth and local OCPP.

Technical specifications



General	Dimensions (mm): 264mm x 112mm x 89mm Operating temperature: -30°C to +40°C Weight: 1,0 kg Weight including charging cable: 2,4 kg (20A), 3,4 kg (32A)
Power grid and voltages	TN, IT and TT 230V/400V AC 3 phase w/ Neutral 230V AC 1 phase
Charging Cable	Mode 3, case C according to IEC61851 Tethered Type 2 (20A / 32A) Minimum bending radius: 8xd for 32A, 7,5xd for 20A
Max. current and charging 20A cable	Current: 6-20A 3-phase output: 3,7 – 13,8kW 1-phase output: 1,4 – 4,6kW
Max. current and charging 32A cable	Current: 6-32A 3-phase output: 3,7 – 22,0kW 1-phase output: 1,4 – 7,4kW
Integrated residual current protection	RDC-DD (6mA DC) according to IEC 62955
Degree of protection	Resistant to impact, dust, water IP54: indoor and outdoor use IK08: impact protection UL94-5VB: flammability rating UV-resistant
Electrical protection	Protection class I Overvoltage category III (4 kV)
Standards and approvals*	Radio Equipment Directive 2014/53/ EU (RED) RoHS Directive 2011/65/EU EN IEC 61851-1:2019 IEC 62955:2018 EN 62196-2:2017 EN IEC 61851-21-2:2021
Energy measurement	Integrated 3-phase energy measurement with +/- 3 % accuracy
Communications interface	Frequency band: 2400 - 2483,5 MHz Maximum output power: 10mW Bluetooth LE and Zigbee Local OCPP 1.6j (coming 2024)
Installation	External circuit breaker: 6A – 40A External RCD type A 30mA needed Cable diameter: 4,0 – 16,1mm Wire cross section: 1,5 – 6,0mm ²



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