



Spin Air

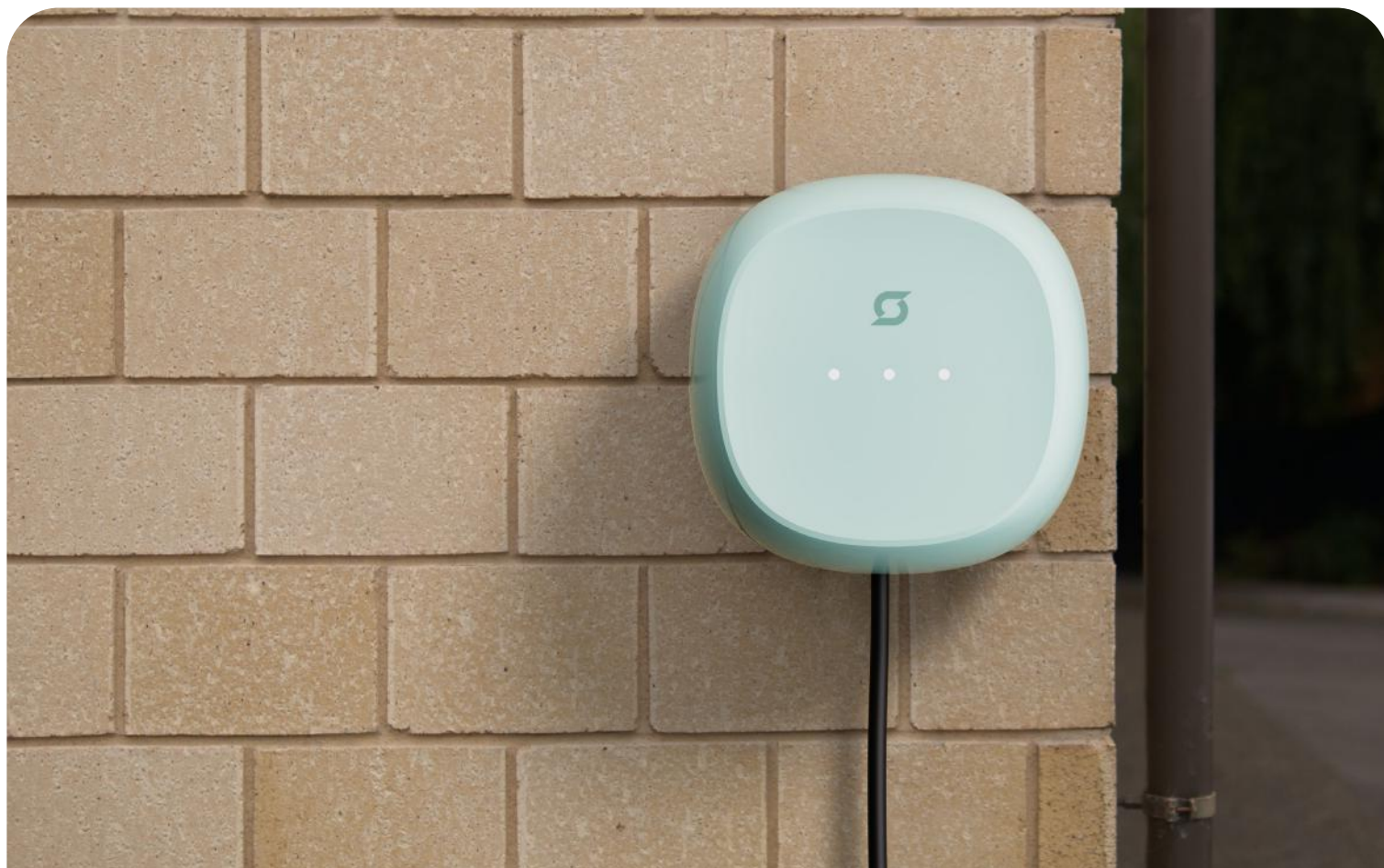
Compact, stylish charger
for the modern home

7.4 – 22 kW AC



Take total control over your charging

Spin home chargers offer you complete convenience and full control over your EV charging. Install a charger at home or carry one in the car with you – whatever you choose, you're in charge.



Everything you might be asking for

- + Our most compact home charger
- + Dynamic load management and sharing
- + Integrated 6mA DC + 30mA AC ground fault protection RCD
- + Advanced charge scheduling
- + Dynamic load management and sharing
- + IP54 rating water resistant
- + Fully operable up to 55°C
- + Type 2 plug
- + Integrated 6mA DC + 30 mA AC ground fault protection RCD

Why Spin?



Warranty

Comprehensive extended warranty and service plans provide complete peace of mind.



Convenience

Plug in right as you get home. Start charging immediately, or schedule for later.



Support

We're here to give you best-in-class support so your chargers are up and running every time you need them.

Spin Control App

One App, Full Control

Tap to start, tap to stop. Simple. Full monitoring and control of your charger from anywhere.

Spin Care

Service and support from the people that know your charger best

Service and support from the people that know your charger best. Available directly through the Spin Control App.

Available On All devices



Specifications



Power Output

Charging Power: 7.4 kW (1-ph), 11kW (3-ph), 22 kW (3-ph)
AC Output: 150 – 270 Vac (1-ph) or 340–460 Vac (3-ph)
Connection point: IEC 62196-2 Type-2
Mode of Charging: Mode-3
Max. AC Output Current: 32 A (7.4 kW), 16 A (11 kW), 32A (22 kW)

Mains Input

Input Voltage (nominal): 220/230/240 VAC (nom) or 380/400/415 Vac (L – L)
Input Voltage Range: 150 – 270 Vac or 340 – 460 Vac (L – L)
Network Connection: TN-S
AC Wiring: 1 Phase / L1, N, PE or 3-phase / L1, L2, L3, N, PE
3-ph charger use on 1-ph supply: Yes, 22 kW model derated to 7.4 kW (11 kW to 3.6 kW)
Input Frequency (nominal): 50 / 60 Hz
Input Frequency Range: 45 – 65 Hz
Leakage Current: < 3.5 mA
Standby Power @ nom. voltage: < 10 W

Protection and Safety

Di-electric strength test: 4,000 Vac (common mode) or 2,500 Vac (differential)
Impulse Di-electric Withstand (1.2/50us): 6,000 Vac (common mode) or 4,000 Vac (differential)
Insulated Test between isolated terminals: R>100Mohm
Over Voltage Category: III
Residual Current: Integrated 6mA DC (to IEC 62955) + 30mA AC
PEN open Fault Protection: Option for UK version
Others: Over Current, Under/Over Voltage, Over Temperature, Gnd-N Voltage, Residual Current

User Interface and Comms

Charge Option / User Authentication: Auto start, via Spin Control mobile app. or 3rd party CMS
Connectivity Options: Bluetooth or Internet access via WIFI
Smart Home Integration: Amazon Alexa ; Google Home
Visual Indication (LED): Presence of Supply, State of Charging, Error
Communication EVSE and CMS server: OCPP V 1.6 J (JSON)
Energy Metering: Integrated (external MID optional)

Configuration

Software update: OTA (Over The Air)
Control, Set-up & Monitoring: OCPP v1.6j, Exicom Spin Control app

Load Management

Manual Max Load Limiting: 1A steps (via Spin Control app)
Dynamic Management: Load Curtailment; Solar Export Control (SpinNet option)
Load sharing: Up to 31 chargers (SpinNet option)

Specifications



Mechanical

Ingress Protection: IP 56 (Outdoor environment)
Impact Resistance: IK10 acc. IEC 62262
Dimension (H*W*D): 246 * 246 * 102 mm
Weight: 4 kg approx. (inc cable)
Charging Cable Length: Tethered 5 meters
Cable Storage: Wrap around charger body or optional separate prop
Material: Polycarbonate + ABS (UL94-V0)
Mounting: Pedestal Stand or Wall
Cooling: Natural Air

Environmental

Operating Temperature: -25°C to 55°C (full power)
Storage Temperature: -40°C to 75°C
Altitude: 2,000 meters (de-rating above 2,000 meters)
Humidity (Non-Condensing): 5 % to 95 %

Standards / Certification

Safety: IEC 61851-1
Other: CE; IEC 61851-21-2; IEC 62196-1; IEC 62196-2; IEC 61000; ARAI (AIS 138 Part 2)

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