

Easy EV charging at home

EVlink™ Home

Unique features

Convenient

- Get your EV ready whenever you need

Budget-friendly and easy to install

- EVlink is an affordable solution
- Easy to install

Power load management

- Help avoid disruption in the power supply
- Manage available power efficiently

Certified and aesthetic

- Compliant with the main certifications



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Technical features

| Characteristics | |
|---|---|
| Range | EVlink Home |
| Product name | EVlink Home |
| Product type | AC charging station |
| Device short name | |
| Pole description | 3P + N & 1P + N for power circuit |
| Mounting mode | Wall-mounted |
| (Us) rated supply voltage | 400 Vac 50 Hz +-10% Three Phase 230 Vac 50 Hz +-10% Single Phase |
| Nominal output power | 11 kW 16A (3P + N) 7.4 kW 32A (1P + N) 3.7 kW 16A (1P + N) |
| Maximum supply current | 32A 16A |
| Maximum power | 11 kW (3P + N) 7.4 kW (1P + N) 3.7 kW (1P + N) |
| Access control system | No |
| Socket number | 1 |
| Socket-outlet type | Front face T2 Socket Front face T2S socket 5 m attached cable |
| Earthing system | TT TN-S Compatible IT with additional isolation transformer on the power supply |
| Digital inputs for energy digital input | Yes with TIC protocol (For France Only) |
| Input type | Available PLC Anti Tripping Module EVA1HPC1 (1PH) or EVA1HPC3 (3PH) |
| Control type | 1 red Button, function Stop No action required to start the charge |
| Local signaling | 1 multi-color LED, function: status indication |
| Standards | EN 61851-1 Ed3.0 EN 61000-6-1 EN 61000-6-3 IEC 61851-21-2 IEC 62955 -2018 |
| Product certifications | CE UKCA EV Ready (T2S references only) |
| IP degree of protection | IP55 conforming to IEC 60529 (for attached cable version and IP54 for T2/T2S version) |
| IK degree of protection | IK10 conforming to IEC 62262 |
| Ambient air temperature for operation | -30...50 °C |
| Ambient air temperature for storage | -40...85 °C |
| Relative humidity | 5...95 % |
| Height | 409 mm |
| Width | 282 mm |
| Depth | 148 mm |

Technical features (continued)

| Characteristics | | |
|----------------------------|----------------------------------|-----|
| Net weight | 5,6 kg (3PN) 4.5 kg (1PN) | |
| Color | White Black | |
| Sustainable offer status | | |
| REACH Regulation | REACH Declaration | |
| EU RoHS Directive | Compliant EU RoHS Declaration | |
| Offer sustainability | | |
| Mercury free | Yes | Yes |
| RoHS exemption information | Yes | Yes |
| Environmental Disclosure | Product Environmental Profile | No |

Reference

| Commercial Reference | Short Description | Connection | Power | Protection |
|----------------------|--|--------------------|--------|-------------|
| EVH4S03N2 | EVlink Home 1P T2 3,7 kW 16A - with RDC-DD Filter | T2 | 3,7 kW | 6 mA Filter |
| EVH4S07N2 | EVlink Home 1P T2 7,4 Kw 32A - with RDC-DD Filter | T2 | 7,4 kW | 6 mA Filter |
| EVH4S11N2 | EVlink Home 3P T2 11 kW 16A - with RDC-DD Filter | T2 | 11 kW | 6 mA Filter |
| EVH4S03NC | EVlink Home 1P Attach cable 5m 3.7 kW 16A - with RDC-DD Filter | Attached cable 5 m | 3,7 kW | 6 mA Filter |
| EVH4S07NC | EVlink Home 1P Attach cable 5m 7,4 Kw 32A - with RDC-DD Filter | Attached cable 5 m | 7,4 kW | 6 mA Filter |
| EVH4S11NC | EVlink Home 3P Attach cable 5m 11 kW 16A - with RDC-DD Filter | Attached cable 5 m | 11 kW | 6 mA Filter |
| EVH4S03N4 | EVlink Home, 1P+N, 1xT2S, 3.7kW, 16A, with RDC-DD | T2S | 3.7 kW | 6 mA Filter |
| EVH4S07N4 | EVlink Home, 1P+N, 1xT2S, 7.4kW, 32A, with RDC-DD | T2S | 7.4 kW | 6 mA Filter |
| EVH4S11N4 | EVlink Home, 3P+N, 1xT2S, 11kW, 16A, with RDC-DD | T2S | 11 kW | 6 mA Filter |
| EVH4S03N400F | EVlink Home, 1P+N, 1xT2S, 3.7kW, 16A, with RDC-DD and communication with TIC | T2S | 3.7kW | 6 mA Filter |
| EVH4S07N400F | EVlink Home, 1P+N, 1xT2S, 7.4kW, 32A, with RDC-DD and communication with TIC | T2S | 7.4kW | 6 mA Filter |
| EVH4S11N400F | EVlink Home, 3P+N, 1xT2S, 11kW, 16A, with RDC-DD and communication with TIC | T2S | 11kW | 6 mA Filter |

EVlink Anti-tripping system – technical specifications



EVA1HPC3

Home anti tripping system is a **power load management system** to adapt continuously the power delivered by the charger to the EV according to power available at home.

The power availability is calculated by the **Home Anti-tripping system** by comparing the **utility power limit and the home consumption** gathered by a **current transformer** positioned on the bottom of the main circuit breaker.

The communication between the Home Anti-tripping system and EVlink Home charger is done with power line communication, so no need to add communication cable.

| EVlink Anti-tripping system | | | |
|-------------------------------------|-----------------------|---|----------------------------------|
| Model | | Single Phase | 3 Phases |
| Power input and Internal Protection | Power Supply | 220-240 V AC (+/- 10%) 50 Hz (+/- 10%) | 400 V AC (+/-10%) 50 Hz (+/-10%) |
| | Rated Power | 4W | 5W |
| | Number of phase | L+N | L1+L2+L3+N |
| | Network Interface | Power Line communication with EVlink Home charger | |
| Communication | Polling interval | 1000ms | |
| | Operating Temperature | -30°C / +50°C | |
| Environmental | Storage Temperature | -40°C / +85°C | |
| | Humidity | 5% - 95% no condensation | |
| Mechanical | Altitude | ≤ 2000 m | |
| | Ingress Protection | Indoor use | |
| | Cooling | Natural Cooling | |
| | Dimension | 70*93*69 mm | 72*89*75 mm |
| | Weight | 196g | 180g |
| Regulation | Certification | EN 61010-1-2010, EN 61326-1-2013 | |
| Commercial reference | | EVA1HPC1 | EVAH1PC3 |

*EVlink anti-tripping system is not compatible with references with TIC function.

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