



I-FAST products are JOINON's DC fast-charging solutions ideal for charging all types of electric vehicles equipped with high-voltage systems in private or public high-rotation parking lots, highways and service areas. The offer consists of wallboxes up to 30 kW and stations up to 480 kW. They feature an elegant design and finishes that make them an urban and extra-urban furnishing product, with a graphic display for a better User Experience and use of services for the EV Driver user.

| | | | |
|--|---|--|--|
| Power specification - AC input | | Environmental | |
| Input voltage | 3Φ 380 ± 415 V ac | Operating temperature | -30°C ± +50°C |
| AC input connection | 3P+N+PE (Wye configuration), TN/TT | Humidity | 5% ± 95% RH, Non-Condensing |
| Max input current | 3Φ 880A | Altitude | ≤ 2.000 m |
| Frequency | 50 Hz / 60 Hz | IP degree | IP54 |
| Power factor | > 0.99 | Mechanical resistance | IK10 (not including screen, POS & RFID module) |
| Efficiency | >95% | Cooling method | Fan cooling |
| Power specification - DC output | | Mechanical | |
| Output voltage range | CCS2: 150 ± 950 V dc | Dimension | 800 mm x 1036 mm x 2100 mm |
| Max output current | CCS2: 300A (peak 500A) | Weight | ≤985 kg |
| Maximum output power | 480 kW | Cable length | 4.5 m |
| Voltage/Current accuracy | ±2% | Protection | |
| User interface & control | | Input protection | |
| Display | 7" LCD | Output protection | |
| Push buttons | Operation Buttons / Emergency Stop Button | SCP, OCP, OVP, LVP, OTP, IMD | |
| User Authentication | RFID: support ISO 14443A/B, OCPP 1.6 JSON, OCPP 2.0.1, QR Code, App | Regulation | |
| Meter | Integrated DC Meter | Accessibility | |
| Communication | | Reduced component heights for universal accessibility | |
| External | Ethernet, Wi-Fi and 4G | Safety | |
| Internal | CAN bus / RS485 | Certificate | |
| Contactless Solution | | IEC 61851-1, IEC 61851-23, IEC 61851-21-2 | |
| Payment terminal | Yes, Payter Apollo Polar | Charging interface | |
| | | DIN 70121, ISO 15118-2 | |
| | | National directives | |
| | | UK Public CP Regulation 2023 (manufacturer requirements) | |

DIMENSIONAL



TECHNICAL SYMBOLOGY

IP54

IK10 (not including screen, POS & RFID module)

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Last update 24/06/2026

Data, measures, designs and pictures are shown only as informative purposes, and could be changed without previous notice

STANDARDS/APPROVALS



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