



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 180 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.

|  |   |  |   |
|--|---|--|---|
| <b>Power specification - AC input</b>  |   | <b>Environmental</b>                                     |   |
| Input voltage                          | 3Φ 380 + 415 Vac                          | 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 86A                                    | Altitude   | ≤ 2.000 m                                 |
| Frequency                              | 50 Hz / 60 Hz                             | IP degree  | IP55                                      |
| Power factor                           | > 0.99                                    | Mechanical resistance                                    | IK10 (not including screen & RFID module) |
| Efficiency                             | >94%                                      | Cooling method   | Fan cooling                               |
| <b>Power specification - DC output</b> |   | <b>Mechanical</b>  |   |
| Output voltage range                   | CCS2: 150 + 950 Vdc                       | Dimension  | 700 mm x 330 mm x 1.800 mm                |
| Max output current                     | CCS2: 120A                                | Weight   | 235 kg                                    |
| Maximum output power                   | 60 kW                                     | Cable length   | 4 m                                       |
| Voltage/Current accuracy               | ±2%                                       | <b>Protection</b>  |   |
| <b>User interface &amp; control</b>    |   | Input protection   |   |
| Display                                | 7" LCD                                    | OVP, OCP, OPP, OTP, UVP, RCD, SPD                        |   |
| Push buttons                           | Operation Buttons / Emergency Stop Button | Output protection  |   |
| User Authentication                    | OCCP 1.6 JSON, QR Code, App               | SCP, OCP, OVP, LVP, OTP, IMD                             |   |
| Meter                                  | Integrated DC Meter                       | <b>Regulation</b>  |   |
| <b>Communication</b>                   |   | Accessibility  |   |
| External                               | Ethernet, Wi-Fi and 4G                    | Safety   |   |
| Internal                               | CAN bus / RS485                           | Certificate  |   |
| <b>Contactless Solution</b>            |   | IEC 61851-1, IEC 61851-23, IEC 61851-21-2                |   |
| Payment terminal                       | Yes, Payter P66                           | Charging interface                                       |   |
|  |   | DIN 70121, ISO 15118-2                                   |   |
|  |   | National   |   |
|  |   | UK Public CP Regulation 2023 (manufacturer requirements) |   |
|  |   |  |   |

## DIMENSIONAL

## TECHNICAL SYMBOLOGY

**IP**

IP55

**IK**

IK10 (not including screen & RFID module)

## STANDARDS/APPROVALS

