



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.

<b>Power specification - AC input</b>		<b>Environmental</b>	
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 587A	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
<b>Power specification - DC output</b>		<b>Mechanical</b>	
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	≤660 kg
Maximum output power	320 kW	Cable length	4.5 m
Voltage/Current accuracy	±2%	<b>Protection</b>	
<b>User interface &amp; control</b>		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	<b>Regulation</b>	
Meter	DC PTB Meter	Accessibility	
<b>Communication</b>		Reduced component heights for universal 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 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)

STANDARDS/APPROVALS



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