

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.

Power specification - AC input		-	Environmental	-
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 217A	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% (at optimize V/I point)	Cooling method		Fan cooling
Power specification - DC output		-	Mechanical	-
Output voltage range	CCS2: 150 ÷ 950 Vdc	Dimension		800 mm x 650 mm x 1.900 mm
Max output current	CCS2: 300A (peak 400A)	Weight		≤460 kg
Maximum output power	150 kW	Cable length		4.5 m
Voltage/Current accuracy	±2%	Protection		-
User interface & control		-	Input protection	OVP, OCP, OPP, OTP, UVP, RCD, SPD
Display	7" TFT-LCD	Output protection		SCP, OCP, OVP, LVP, OTP, IMD
Push buttons	Operation Buttons / Emergency Stop Button	Regulation		-
User Authentication	OCPP 1.6 JSON, QR Code, App	Safety		CE, CB
Meter	DC PTB Meter	Certificate		IEC 61851-1, IEC 61851-23, IEC 61851-21-2
Communication		-	Charging interface	DIN 70121, ISO 15118-2
External	Ethernet, Wi-Fi and 4G	Contactless Solution		-
Internal	CAN bus / RS485	Payment terminal		Yes. Payter P66

DIMENSIONAL

TECHNICAL SYMBOLOGY

IP

IK

IP55

IK10 (not including screen & RFID module)

STANDARDS/APPROVALS

