

# E2 Smart EV Charger

## E2 Core & E2 Plus

### Electrical properties

Charging capacity	7.4kW, 32A, single-phase, Queensland-without Active Device Management: 4.6kW, 20A, single-phase	
Voltage	230VAC – 50/60Hz	
Cable configuration	E2 Plus: 8m – Type 2 5m – Type 1	E2 Core: 5m – Type 2 5m – Type 1
Metering	Integrated, non-revenue grade	

### Physical

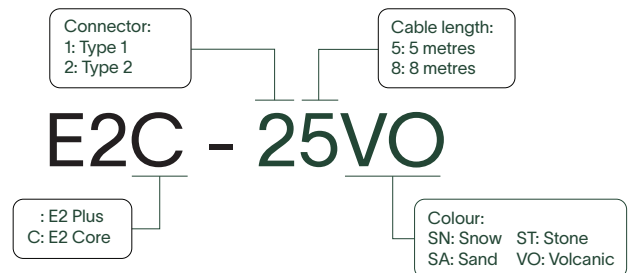
Dimensions (mm)	286 (height) x 185 (width) x 66 (depth)
Operating temperature	-25°C to 55°C Charging current may limit at higher temperatures
Weight	2.95kg (including 5m type 2 cable)
IP rating	IP55 indoor/outdoor
Impact rating	IK08

### Connectivity & Features

Cellular modem (E2 Plus only)	LTE-M1
WiFi	802.11 b/g/n 2.4 GHz
Ethernet	No
Local configuration interface	Bluetooth LE
Display	LED status; charging, idle, disabled, fault, waiting for solar, waiting for schedule, waiting for vehicle, charge now
Control & monitoring	Evnex driver app, Evnex installer app
Authorisation	Optional

### Model numbers

E2 Plus		E2 Core
E2-28SN	E2-15SN	E2C-25VO
E2-28ST	E2-15ST	E2C-15VO
E2-28SA	E2-15SA	
E2-28VO	E2-15VO	



### Safety

Compliance	IEC 61851-1:2017, IEC 61439-7:2018, IEC 61000-6-3:2020
DC leakage detection	Yes, 6mA
Protection	Over voltage, under voltage, over current, over temperature, earth fault

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