



EV Charger Spec Sheet

FractalEV 80A
Level 2 EV Charger



FractaleV 80A Smart Charging Station 19.2kW



Technical Specifications

FR-80C OCPP J1772 Charger	
Electrical Specifications	
AC Input Rating	208 or 240 VAC / 60Hz Rear or bottom entry
Maximum Current Rating	FR80C: 80 Amps
Metering	1% accuracy
Output cable	J1772 - 21 ft' (6.4m)
User Interfaces	
Display	4.3", outdoor-rated customizable color touch screen
Status Indicator	RGB led ring
RFID Reader	ISO14443A/B, ISO15693, FeliCa,
Audio	Buzzer for RFID feedback
Network Capabilities	
Cellular	3G/4G CAT1 with dual SIM cards / dual antenna. e-SIM included.
Wifi	802.11b/g/n - 2.4Ghz
Mesh network	802.11 proprietary mesh
Mechanical Data	
Enclosure dimensions (H x W x D)	13.5" x 9.5" x 4-3/4"
Weight	15 lbs (80A)
Mounting	Wall or pedestal
Environmental Data	
Enclosure rating	IP65 IK08 (screen excepted)
Operating and storage temperature range	-22 °F to 122 °F (-30 °C to 50 °C)
Compliance	
UL, FCC Part 15, ICED, EnergyStar	
Features	
Electrician/Owner Management Portal	Monitor and manage charger settings at fractalev.com/
OCPP Support	OCPP 1.6J
Mesh Networking	Limit wifi infrastructure costs by using mesh
Power Management via local Mesh network	Cloud connected over-subscription for power constrained sites
Authorization Modes	<ul style="list-style-type: none"> • Plug-in-to-Charge • Preset Pin Code • Accept any Pin Code • Local RFID • Accept any RFID Card • OCPP
Fault reporting	Logs available in fractalev Driver submission via touch-screen.

