



STELLAR CHARGER

AC ULTRA 80A (DUAL PORT)



ALWAYS **READY**. AN EV CHARGING NETWORK THAT'S ALWAYS **READY**. AN EV CHARGING NETWORK THAT'S ALWAYS **READY**. AN EV CHARGING NETWORK THAT'S

Technical Specifications

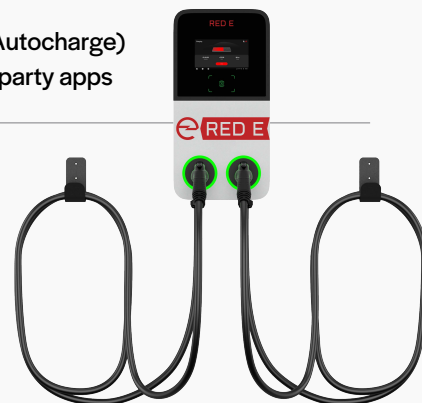


Product Information

Input/output power rating and current	38.4kW total max (2 × 19.2kW / 240V AC * 80A per port) Adjustable via mobile app from 6A to 80A per port; supports hardware DIP switch configurations (16A, 24A, 32A, 40A, 48A, 50A, 64A, 72A, 80A)
Input/output voltage	208/240V AC 50/60Hz single phase; supports HiLeg Delta wiring configuration
Input power connections	L1, L2, Input power connections and Earth Ground
Input cord	Hardwired
Connector type	Dual SAE J1772 / NACS compatible
Charging cable length	5m (16.4ft) / 7.5m (25ft)
Ground fault detection	20mA CCID
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection
Card reader	ISO 15693, ISO 14443 A/B, ISO 18092 (Optional POS Credit Card integration)
Metering accuracy	±1.0% from 1% to full scale
Vehicle communication	ISO 15118-2/20 (Supports Plug & Charge / Autocharge)
Authentication methods	Plug & charge, Autocharge, RFID, Third-party apps

General Characteristics

Enclosure rating	NEMA 3R, IK10
Operating altitude	3000m (9842ft)
Operating temperature range	-40°F ~ 131°F (-40°C ~ +55°C)
Storage temperature range	(Derate when above 113°F (45°C))
Mounting	-40°F ~ +158°F (-40°C ~ +70°C)
Dimensions (H×W×D)	Wall or floor using a pedestal (ADA)
Package Dimensions (H×W×D)	24.6 × 12.6 × 6.69 inch (625 × 320 × 170 mm)
Weight	19.4 × 14.6 × 10 inch (492 × 370 × 254 mm) 20.7 lbs (9.4kg)



User Interface

Status indication	LEDs and 8-inch HD LCD, 1280*720 touch screen
User interface	RED E Charge APP; RED ECharge Cloud 4G, Wi-Fi,
Connectivity	Ethernet, RS485, Wisun
Communication protocols	OCPP 1.6J, OCPP 2.0.1
Current control method	APP, hardware DIP switch(Dial)

Software Update

Software update	OTA updates via web portal
-----------------	----------------------------

Certification and Standard

Safety standards	UL 2594, UL 2231-1, UL 2231-2, UL 1998, CSA C22.2. NO.280
Codes and standards	FCC Part 15 Class B , ENERGY STAR , OpenADR 2.0b, NEC Article 625
Lifespan	10+ years
Warranty	5 years

redecharge.com

Customer Support (313) 262-6722

info@redecharge.com

ALWAYS **READY**. AN EV CHARGING NETWORK THAT'S ALWAYS **READY**. AN EV CHARGING NETWORK THAT'S ALWAYS **READY**. AN EV CHARGING NETWORK THAT'S