

# EO GENIUS

## NORTH AMERICA

It's our North American all-in-one smart charger designed for fleets and with Vehicle-to-Grid capabilities.

The EO Genius can be paired with the EO Hub to perform advanced local load management.

It comes connected to the EO Cloud via OCPP 1.6, offering fleet managers a number of unique features including telematics integration, scheduling, and energy management. Designed to charge your fleet of vans, trucks, and cars at up-to-80 amps.



ELECTRICAL	EA000-LE-BLK
MAX OUTPUT CURRENT	80A
ADJUSTABLE CURRENT SETTINGS	80A   63A   48A   40A   32A   24A   20A   16A   12A   10A
AC POWER INPUT RATING - STANDARD	208/230VAC 60Hz single-phase
VEHICLE-TO-GRID COMMUNICATIONS	IEC 15118
WIRING STANDARD	3-wire (L1, L2, Earth)
OUTPUT POWER	19.2kW (240VAC @ 80A)
INPUT CORD REQUIREMENT	Hardwire
CHARGING PLUG	SAE J1772 (80A)
CHARGING CABLE LENGTH	25 feet

MECHANICAL	
DIMENSIONS (H x W x D)	20.8in x 12.5in x 5.7in
WEIGHT	32lbs

COMMUNICATION OPTIONS	
WIRELESS NETWORK	2.4GHz Wi-Fi (802.11 b/g/n)
CELLULAR NETWORK	4G LTE (optional)
LAN	LAN 10/100
OPEN CHARGE POINT PROTOCOL (OCPP)	OCPP 1.6

USER INTERFACE & CONTROL	
LED INDICATOR	Standby (blue), Charging (flashing green), Full charge (steady green), Fault (red)
RFID READER	ISO 15693, 1443A/B

SAFETY	
CODES AND STANDARDS	SAE J1772
SAFETY COMPLIANCE	Compiles with UL 2594, UL 2231, UL1998, UL991
EMC COMPLIANCE	FCC Part 15 Class B
SURGE PROTECTION	6kV @ 3000A
GROUND FAULT DETECTION	Yes
OPEN SAFETY GROUND DETECTION	Continuously monitors presence of safety ground connection
POWER RECOVERY INTERVAL	20 seconds for 1st recovery, latch off at 2nd fault

ENVIRONMENTAL	
NEMA/IP RATING	NEMA 3R
IK RATING	IK 10
ALTITUDE	Up to 10,000 feet
SOLAR RADIATION	1120 W/m <sup>2</sup> (Class 2K4)
WIND RATING	12 Beaufort
OPERATING TEMPERATURE	-20°F to 130°F
STORAGE TEMPERATURE	-40°F to 140°F
OPERATING HUMIDITY	Upto 85% @ +122°F non-condensing
NON-OPERATING HUMIDITY	Upto 95% @ +122°F non-condensing
WARRANTY	5-year