AX48 Series

SPECIFICATION

Model Name	AXLU111
Safety	UL/CUL (NorthAmerica)
Outline (in)	
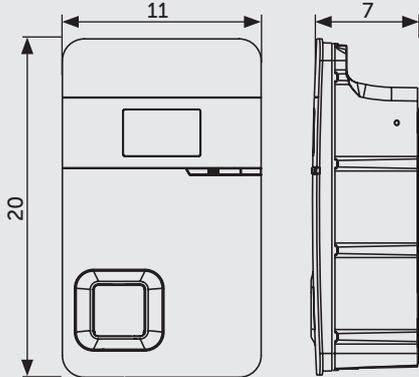
Power Specification

AC Input	Input Rating	Single-Phase: 200-240Vac
	AC Input Connection	L1, L2, GND or L, N, PE
	Input Current	48A
	Frequency	50Hz/60Hz
AC Output	Output Current	48A

User Interface & Control

Display	LED Indicator (Standard), 5" LCD Display (Optional)
User Authentication	RFID, Smart Phone App, QR Code Optional Third Party Payment System
Meter	Meter IC (1% Accuracy)

Communication

Vehicle to Grid Communication Interface	ISO 15118 (Plug&Charge, Bi-Directional)
Network Interface	Ethernet + Wi-Fi (IEEE802.11 b/g/n) (standard) Ethernet + Wi-Fi (IEEE802.11 b/g/n) + 4G (optional)
Charging Protocol	OCPP1.6 JSON, OCPP 2.0.1

evconnect

Environmental

Operating Temperature	-22ºF~122ºF (-30ºC to +50ºC)
Humidity	< 85% (RH) @122ºF (50ºC)
Altitude	≤6562ft (2000m)
IP Level	NEMA TYPE 4/IK08
Cooling Method	Natural Cooling

Mechanical

Dimensions (WxDxH)	11 x 7 x 20in
Weight	<22lbs (10kg) (with cable)
Cable Length	16.4ft (5m) or 25ft (7.5m) with Optional Cable Management

Protection

RCD/CCID	CCID20
Input	UVP, OVP, Surge Protection, Ground Fault
Output	OCP, Control Pilot Fault, Residual Current Protection
Internal	OTP, Relay Welding Detection, CCID Self-Test, MCU Function Fault Detection

Regulation

Certification	UL2594, UL2231-1/-2 Energy Star CTEP NTEP (NIST Handbook 44)
Wireless Certification	FCC/IC
Charging Interface	SAEJ1772 Type 1 Plug