



ENERGY STAR CERTIFIED

Electric Vehicle Chargers (AC-Output)

MES - EV Charger : MES-EV-LH-SG80

Specifications

Brand Name:	MES
Model Name:	EV Charger
Model Number:	MES-EV-LH-SG80
ENERGY STAR Unique ID:	3892454
ENERGY STAR Partner:	Maverick Energy Solutions International
Product Type:	Level 2
Input Voltage (V):	240.0
Max Nameplate Output Current (A):	80
Maximum Output Power (kW):	19.2
Number of Outputs:	1
Maximum Output Cord Length (ft.):	25
Output Cord Gauge (AWG):	6
Maximum (100%) Measured Luminance of the High Res Display (candelas per m2):	829.18
Automatic Brightness Control (ABC) Capable?:	No
Connected Capable:	Yes
Connects Using:	Wi-Fi
Network Connection Types Available:	Wi-Fi or Gigabit Ethernet
DR Protocol:	Open Charge Point Protocol (OCPP)
Is Broadband Internet Connection Needed for Demand Response?:	Yes
Protocols Used to Support Smart Charging:	SAE J1772
Network Security Standards:	NIST Cybersecurity Framework
Screen Area, if EVSE has high res display (in2):	8.14
Product Features:	None
Auxiliary Product Features:	High Resolution Display,PLC Board (ISO 15118),Radio Frequency Identification (RFID),Revenue Grade Meter
15 A Operation Mode Test: Total Loss (watts):	22.0
30 A Operation Mode Test: Total Loss (watts):	20.0
4 A Operation Mode Test: Total Loss (watts):	13.0
Full Current Operation Mode Test: Total Loss (watts):	44.0
Idle Mode Input Power (watts):	9.26
Idle Mode Power Factor:	0.25
Idle Mode Total Allowance (watts):	41.6

No Vehicle Mode Input Power (watts):	9.31
No Vehicle Mode Power Factor:	0.25
No Vehicle Mode Total Allowance (watts):	9.6
Partial On Mode Input Power (watts):	9.52
Partial On Mode Power Factor:	0.25
Partial On Mode Total Allowance (watts):	9.6
Date Certified:	2025-01-06
Date Available on Market:	2025-01-06
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Captured On:
04/29/2025