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

## Specifications

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|---|---|
| **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 |

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|---|---|
| **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:**
04/25/2025