ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (AC-Output)

## FoMoCo - LJ98-10C823-A followed by one character : LJ98-10C823-A followed by one character

### Specifications

| | |
|---|---|
| **Brand Name:** | FoMoCo |
| **Model Name:** | LJ98-10C823-A followed by one character |
| **Model Number:** | LJ98-10C823-A followed by one character |
| **ENERGY STAR Unique ID:** | 2406750 |
| **ENERGY STAR Partner:** | AMPURE |
| **Product Type:** | Level 2 |
| **Input Voltage (V):** | 240.0 |
| **Max Nameplate Output Current (A):** | 48 |
| **Maximum Output Power (kW):** | 11.52 |
| **Number of Outputs:** | 1 |
| **Maximum Output Cord Length (ft.):** | 20 |
| **Output Cord Gauge (AWG):** | 6 |
| **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?:** | No |
| **Protocols Used to Support Smart Charging:** | OCPP (v1.6) - Communication towards Backend via WiFi SAE J1772 – Communication towards Vehicle (via CP signal) |
| **Network Security Standards:** | ISO 21434; Ford Security Specification (non-public), including: - Bluetooth Security Spec - Connected Wallbox Security Requirements - Embedded System Applications Specification - Operating System Requirements - Vehicle to Cloud Security Specification [You can use this information for the report if required] A threat analysis and risk assessment (TARA) according to ISO 21434 has been performed. After the risk treatment decision, measures have been assigned, following recommendations of BSI and/or NIST. “BSI” = „Bundesamt für Sicherheit in der Informationstechnik“; German federal office for security in Information Technology |
| **Product Features:** | None |
| **15 A Operation Mode Test: Total Loss (watts):** | 3.5 |
| **30 A Operation Mode Test: Total Loss (watts):** | 2.56 |
| **4 A Operation Mode Test: Total Loss (watts):** | 3.71 |

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|---|---|
| **Full Current Operation Mode Test: Total Loss (watts):** | 0.48 |
| **Idle Mode Input Power (watts):** | 4.09 |
| **Idle Mode Power Factor:** | 0.41 |
| **Idle Mode Total Allowance (watts):** | 22.8 |
| **No Vehicle Mode Input Power (watts):** | 3.2 |
| **No Vehicle Mode Power Factor:** | 0.37 |
| **No Vehicle Mode Total Allowance (watts):** | 3.6 |
| **Partial On Mode Input Power (watts):** | 3.36 |
| **Partial On Mode Power Factor:** | 0.37 |
| **Partial On Mode Total Allowance (watts):** | 3.6 |
| **Date Certified:** | 2023-01-12 |
| **Date Available on Market:** | 2023-01-12 |
| **Markets:** | United States, Canada |
| **ENERGY STAR Certified:** | Yes |

**Captured On:**
04/25/2025