

EV CHARGER

PQ-JNT-EVM005

- Powerful dual charger (48A*2)
- Compatibility assurance
- High-precision measurement
- Advanced plug & charge technology
- OCPP self-adaptive integration
- Comprehensive web diagnostics
- Dynamic load balancing
- Cashless payment solutions (optional)



EV CHARGER

| | |
|--------------------------|-------------------------|
| Model | PQ-JNT-EVM005 |
| Rated Power | 2x11.5kW (48A) |
| Input Voltage (V) | 208-240VAC (Level 2) |
| Dimensions (mm) | H:489 x W:309 x D:127.4 |
| Connectivity | Wifi / 4G |

Catalog Number for Example:
PQ-JNT-EVM005-2x48A-Wifi
PQ-JNT-EVM005-2x48A-4G

STANDARDS & CERTIFICATIONS



| | |
|-----------------------|---|
| Standards | UL991, UL1998, UL2231, UL2594, FCC Part 15B / NEC 625 |
| Certifications | cETLus, FCC, Energy Star |

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KEY FEATURES AND BENEFITS



▶ **POWERFUL DUAL CHARGER (48A * 2)**

Delivers efficient charging for multiple vehicles while reducing installation costs, making it an ideal solution for commercial use.

▶ **COMPATIBILITY ASSURANCE**

Seamlessly supports over 99.5% of popular EV models, leveraging AI algorithms for hassle-free charging.

▶ **HIGH-PRECISION MEASUREMENT**

Features a 7" touchscreen with $\pm 1\%$ accuracy (CTEP compliance), offering a user-friendly interface in English, Spanish, and French.

▶ **ADVANCED PLUG & CHARGE TECHNOLOGY**

Compliant with ISO 15118-2/3 standards, tested by Hubject and Keysight. Compatible with major automakers including Volvo, BMW, Lucid, Vinfast VF9, and the Ford F-150.

▶ **OCPP SELF-ADAPTIVE INTEGRATION**

OCTT tested, the charger automatically adapts to OCPP 1.6J and OCPP 2.0.1, integrated with over 50 global CPOs and supports California Pricing Requirements for accurate electricity metering.

▶ **COMPREHENSIVE WEB DIAGNOSTICS**

Benefit from full remote configuration capabilities, including web-based diagnostics, log analysis, and local card management, ensuring smooth and efficient fleet operations.

▶ **DYNAMIC LOAD BALANCING**

Adjusts the charger's power output in response to grid load changes, protecting vehicles while ensuring optimal energy usage.

▶ **CASHLESS PAYMENT SOLUTIONS (OPTIONAL)**

Support the cashless payment module and provide a more convenient user experience.

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SPECIFICATIONS

| POWER | |
|---------------------------|---|
| Input Rating | 208-240Vac |
| Output Current & Power | 2*11.5kW (48A) |
| Power Wiring | L1 / L2 / GND |
| Input Cord | Hardwire (Cable not included) |
| Frequency | 50 / 60Hz |
| Connector Type | SAE J1772 Type 1, 18ft / SAE J3400 NACS, 25ft (Optional) |
| Ground Fault Detection | CCID 20 |
| Protection | UVP, OVP, RCD (CCID 20), SPD, Ground Fault Protection, OCP, OTP, Control Pilot Fault Protection |
| Meter Accuracy | ±1% |
| USER INTERFACE | |
| Status Indication | LED indication |
| Screen | 7" touch screen (UI upgradable) |
| Language | English / Spanish / French |
| User Interface | Compatible with multiple CPOs |
| Connectivity | Bluetooth 5.2, Wi-Fi 6 (2.4G / 5G), Ethernet, 4G (Optional) |
| Communication Protocols | OCPP 2.0.1 / OCPP 1.6J self-adaptation ISO15118-2/3 |
| Pile Group Management | Dynamic Load Balancing |
| User Authentication | Plug & Charge (Free) / RFID Card / Credit Card (Optional) |
| Card Reader | RFID, ISO14443A, ISO14443B, 13.56MHz |
| Software Update | OTA |
| CERTIFICATION & STANDARDS | |
| Safety & Compliance | UL991, UL1998, UL2231, UL2594, FCC Part 15B / NEC 625 |
| Certification | cETLus / FCC / Energy Star |
| Warranty | 36 months |
| GENERAL | |
| Enclosure Rating | NEMA 4 (IP65), IK08 |
| Operating Altitude | < 6561ft (2000m) |
| Operating Temperature | -40°F to +131°F (-40°C to +55°C) |
| Storage Temperature | -40°F to +185°F (-40°C to +85°C) |
| Operating Humidity | 5 to 95% |
| Mounting | Wall mount / Pedestal (optional) |
| Color | White, Black (optional) |
| Product Dimensions | 19.25" × 12.17" × 5.02" (489×309×127.4mm) |

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DIMENSIONS

