POWER TECHNOLOGY
THE EV CHARGING COMPANY

POWER TECHNOLOGY SOLUTIONS / PRODUCT SPECIFICATIONS

# AC Home 40A / 50A

Residential Level 2 charging with plug-in and hardwired options, depending on model.

| | |
|---|---|
| **40 A configuration** | Up to 9.6 kW at 240 V, NEMA 14-50 or 6-50 plug by SKU |
| **50 A configuration** | Up to 12 kW at 240 V, hardwired |
| **Vehicle connector** | SAE J1772 per supplied OEM sheet |
| **Cable** | 25 ft |
| **Enclosure** | NEMA 4 |
| **Holster** | Integrated or separate, by SKU |

Confirm specifications, connectors and options for your selected configuration with Power Technology Solutions.

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## AC Home 40A / 50A

# Technical specifications and ordering codes

### POWER

| | |
|---|---|
| INPUT/OUTPUT POWER RATING & CURRENT | 9.6kW (240V AC*40A) Or 12kW (240V AC*50A)<br>Output Amperage Adjustable Via Mobile App, From 6A To 40A Or 50A |
| INPUT/OUTPUT VOLTAGE | 208V±15%; 240V±15%, 60Hz |
| NETWORK TYPE | L1/N+PE, L1/L2/PE |
| CONNECTOR TYPE | SAE J1772, 25ft (7.5m) |
| GROUND FAULT DETECTION | 20mA CCID |
| PROTECTION | Overcurrent, Overvoltage, Undervoltage, Integrated Surge Protection |
| POWER MEASUREMENT ACCURACY | +/- 1.0% From 1% To Full Scale |
| POWER CORD | NEMA 6-50 / NEMA 14-50 / Hardwired |

### OPERATIONAL RATINGS

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|---|---|
| ENCLOSURE RATING | NEMA 4 |
| OPERATING TEMPERATURE RANGE | -40°F ~+131°F (-40°C ~+55°C) |
| STORAGE TEMPERATURE RANGE | -40°F ~+185°F (-40°C ~+85 °C) |
| MOUNTING | Wall Or Floor Using A Pedestal |
| DIMENSIONS (H×W×D) | 13"x7"x3" (336x187x85mm) |
| WEIGHT TOTAL (INCLUDES CHARGER, GABLE, GUN & HOLSTER) | Ranges Between 13lbs. (5.9 kg) - 15.9 lbs. (7.2 kg) Based On Model |

### USER INTERFACE

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|---|---|
| STATUS INDICATION | LED/APP |
| USER INTERFACE | Charging app; cloud portal |
| CONNECTIVITY | Bluetooth, Wi-Fi, Ethernet, CAN, RS485 (For Energy Meter Connection) |
| USER AUTHENTICATION | APP, AutoStart, RFID Card |
| CARD READER | Optional: ISO 15693, ISO 14443, NFC |
| SOFTWARE UPDATE | OTA |

### CERTIFICATION & STANDARDS

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|---|---|
| SAFETY & COMPLIANCE | UL 2231-1, UL 2231-2, UL2594, NEC Article 625, CSA C22.2 |
| EMC COMPLIANCE | FCC 15 Class B |
| CERTIFICATION | Energy Star, OpenADR 2.0b |
| WARRANTY | 36 Months |

| DESCRIPTION | | PART NO. | MODEL NO. | POWER SUPPLY |
|---|---|---|---|---|
| PTS AC HOME | 40A | MC40AP14S | MAXI US AC W10-N14 | NEMA 14-50 PLUG |
| PTS AC HOME | 40A | MC40AP6S | MAXI US AC W10-N6 | NEMA 6-50 PLUG |
| PTS AC HOME | 50A | MC50AHS | MAXI US AC W12 | HARDWIRED |
| PTS AC HOME | 40A | MC40AP14I | MAXI US AC W10-N14-H | NEMA 14-50 PLUG |
| PTS AC HOME | 40A | MC40AP6I | MAXI US AC W10-N6-H | NEMA 6-50 PLUG |
| PTS AC HOME | 50A | MC50AHI | MAXI US AC W12-H | HARDWIRED |

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# Configuration and application notes

## Mechanical drawings

13.23 in (336.50 mm) high, 7.36 in (186.94 mm) wide and 3.35 in (85.00 mm) deep. Separate holster reference height is 11.24 in (285.50 mm).

## Model selection

40 A plug-in models use NEMA 6-50 or 14-50. 50 A models are hardwired. Integrated and separate holsters have distinct order codes.

Specifications and hardware warranty terms vary by configuration. Confirm the selected equipment and coverage with Power Technology Solutions.