



## onCharge Level 2 Smart EV Charger

Model: **NECS-ACW-11.5**



- Cost-effective solution for residential and multifamily EV charging
- Intuitive and easy-to-navigate user interface with integrated display
- Built-in cable management for a clean and organized installation
- Multiple mounting options including wall and pedestal configurations
- Reliable Level 2 charging with adjustable power output options
- Wi-Fi connectivity for remote monitoring and smart charging control
- OCPP compatible for seamless integration with the onCharge platform
- RFID authentication for secure user access and usage tracking
- Compact and durable design suitable for indoor and outdoor installations
- Integrated safety protection including ground fault monitoring
- Ideal for apartments, workplaces, fleet, and commercial deployments



### Electrical

**Input Voltage:** 176–264 VAC, single-phase

**Output Power:** 7 kW / 9.6 kW / 11.5 kW

**Output Current:** 32 A / 40 A / 48 A

**Frequency:** 60 Hz

**Charging Level:** Level 2 AC

**Energy Metering:** Integrated on-board

### Connector

**Connector Type:** SAE J1772 (Type 1), NACS

**Number of Connectors:** 1

**Cable Length:** 5 m (16.4 ft)

**Connector Option:** Hardwired

### Connectivity

**Communication:** Wi-Fi

**Protocol:** OCPP 1.6J / OCPP 2.0.1

**External Interface:** RS485 (load balancing & solar integration)

**Authorization:** Auto-start / RFID card

### Safety & Protection

**Ground Fault Protection:** 6 mA DC CCID

**Ingress Protection:** IP55

**Housing Fire Rating:** UL94 V-0

**Operating Temperature:** –20°C to +50°C

**Storage Temperature:** –35°C to +60°C

**Operating Humidity:** ≤95%

## Compliance & Certifications

**Certifications:** UL / FCC / ENERGY STAR

**Standards:** UL2231 • UL2594 • CSA C22.2 No.280-13 • FCC Part 15

## Mechanical

**Dimensions:** 462 × 212 × 194 mm

**Material:** ABS + PC

**Mounting:** Wall-mounted or pole-mounted

**Color:** Misty Black

**Max Installation Altitude:** 2000 m

## Packaging

**Package Size:** 58.5 × 41.5 × 31 cm

**Net Weight:** 8.6 kg

**Gross Weight:** 9.7–10.5 kg

## Display / Interface

**HMI:** 4.3-inch LCD screen

## Designed for Long-Term Sustainability

### No monthly software fees.

onCharge operates on a pay-as-you-go model that supports sustainable growth and predictable long-term operation.

