NeoCharge Smart Splitter™ Technical Specifications

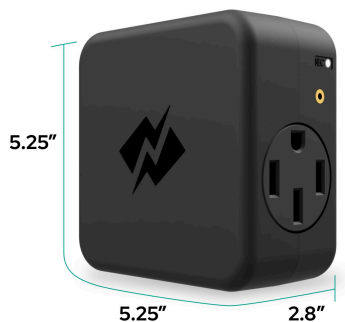## Model Specifications

24 amp models (NEMA 10-30, 14-30)

- *Output Power: 24A / 5.7kW*
- *Input Voltage: 240 VAC nominal, single phase*
- *Input Current: 30A Circuit Breaker*
- *Input: NEMA 10-30P or NEMA 14-30P*
- *Output Outlet: 2x NEMA 14-30R or 2x NEMA 10-30R*

40 amp models (NEMA 14-50, 10-50, 6-50)

- *Output Power: 40A / 9.6kW*
- *Input Voltage: 240 VAC nominal, single phase*
- *Input Current: 50A Circuit Breaker*
- *Input: NEMA 14-50P, NEMA 10-50P, NEMA 6-50P*
- *Output Outlet: 2x NEMA 14-50R, 2x NEMA 10-50R, or 2x NEMA 6-50R*
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Physical Specifications

- *Dimensions: 5.25" (13.3cm) x 5.25" (13.3cm) x 2.75" (7cm)*
    - *(not including protruding pins)*
- *Weight: 2.5lbs (1.13kg) fully equipped*
- *Housing: Durable, fire retardant ABS/PC plastic*
- *Installation: Indoor rated only. Integrated mounting options*

Communication & Connectivity

- *WiFi: Built-in WiFi Connectivity [802.11 b/g/n (WiFi 4) 2.4 GHz]*
- *Easy setup process*
- *Firmware: Over-the-air (OTA) upgradeable*

Display & Interface

- *LED indicators show power/charging status*
- *Real-time status monitoring and historical energy consumption via mobile app*

Safety & Compliance

- *UL and cUL listed (E507438)*
- *FCC Part 15 Class B*
- *NEC compliant*

Manufacturing

- Design and Assembled in: USA

Warranty

- *3-year limited product warranty*

Smart Features

- *Automatic power switching between devices*
- *Real-time power monitoring*
- *Mobile app integration*
- *Remote device management*
- *Usage tracking and reporting*
- *Scheduled charging features using vehicle and Smart EVSE telematics*
  - *Scheduled charging via Smart Splitter coming Q1-Q2 2025*

Operating Features

Appliance Smart Splitter:

- *Automatically switches power between EV and appliance*
- *Prioritizes appliance operation*
- *Resumes EV charging automatically when appliance completes cycle*

Dual-Car Smart Splitter:

- *Sequential charging at full speed*
- *Optional simultaneous charging if total current does not exceed 80% of breaker limits*
- *Automatic switching between vehicles*