



Smart Splitter™



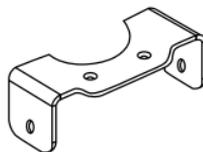
Quick Start Guide

What's Included

A Smart Splitter (1x)



B Mounting Bracket (1x)



C Bracket Screws (2x)



D Panhead Screws (2x)



E Thumb Screws (2x)



Before installation, ensure the circuit breaker is OFF.



Maximum amperage of each EV/device must be less than or equal to 80% of the breaker rating (Ex. 40A on 50A circuit)

How It Works

1. The Primary outlet is always active
2. The Smart Splitter monitors total power draw
3. Automatic shut-off of Secondary outlet when Switching Limit* (calculated by adding PRI + SEC side loads) is exceeded
4. Resumes power to Secondary when Primary stops drawing power

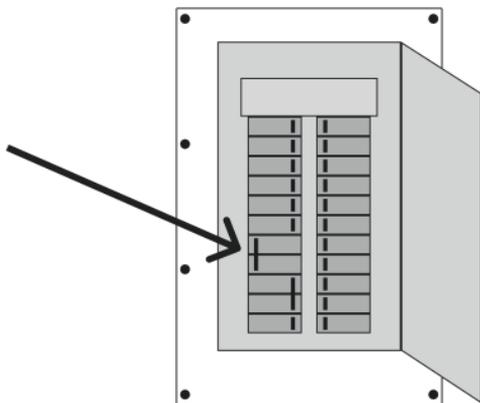
Circuit Breaker	Switching Limit *	Max Load (each outlet)
50 Amps	44 Amps	40A on PRI / 32A recommended for SEC
40 Amps	34 Amps	32 Amps
30 Amps	10 Amps	24 Amps
20 Amps	10 Amps	16 Amps

Dual EV - Simultaneous Charging on 50A Breaker

Using a smart EV charger or through the car, set both cars to 20A (or less) to stay under the switching limit and allow power to both cars simultaneously

Installation

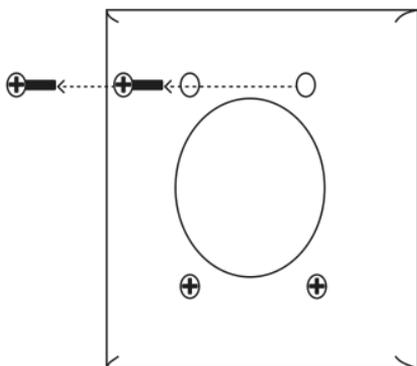
Step 1 - Turn Breaker OFF



Step 2 - Install Mounting Bracket (Optional)

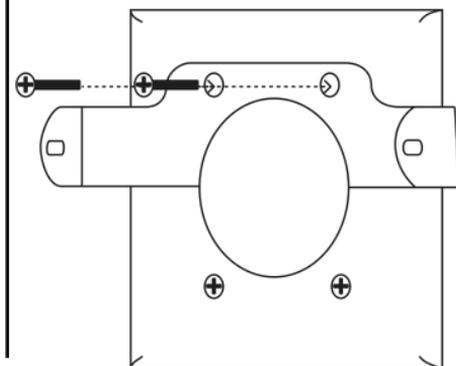
- Using the Mounting Bracket (Steps 2 and 4) is recommended but not a requirement for Smart Splitter use
- Outlet orientation will vary - Ensure that the slots of the mounting bracket are in alignment with the gold colored mounting points on your Smart Splitter
- Mounting Bracket installation requires Phillips head screwdriver 

1.

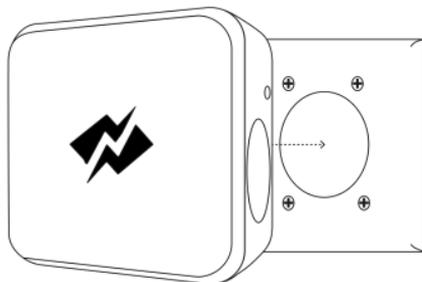


2.

B **C**

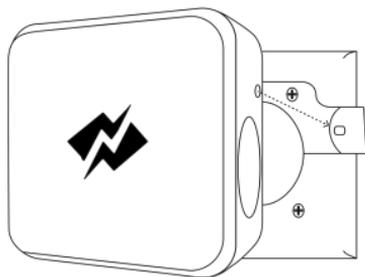


Step 3 - Plug In Smart Splitter **A**

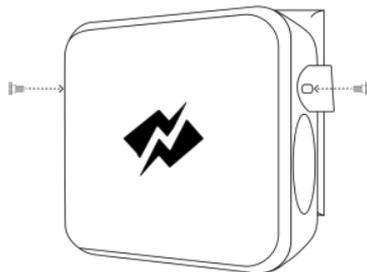


Step 4 - Secure Smart Splitter Using Mounting Bracket (Optional)

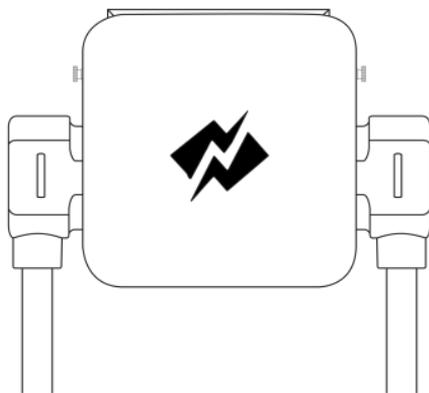
1.



2. **D** or **E**



Step 5 - Plug In Devices



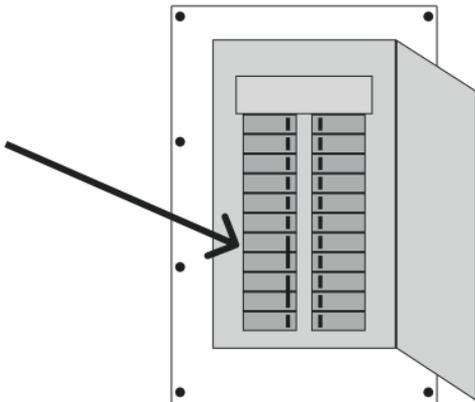
Appliance x EV:

- Plug in the appliance into the primary ("PRI") outlet
- Plug in the EV charger into the secondary ("SEC") outlet

Dual EV:

- Plug in the charger for the car you would like to charge first into the primary ("PRI") outlet
- Plug in the other charger into the secondary ("SEC") outlet

Step 6 - Turn Breaker ON



Step 7 - Configure Devices In App

1. Download and open the NeoCharge app

Scan the QR code to download



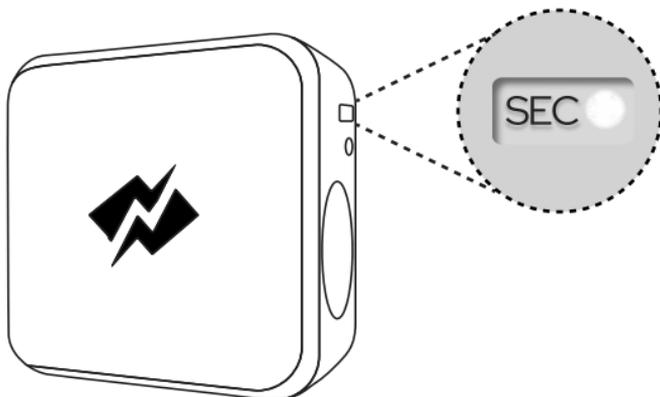
2. Create an account
3. Follow in-app instructions to connect the Smart Splitter to Wi-Fi
4. Confirm your circuit breaker to set correct switching limits (*required*)
5. Configure your devices to complete Smart Splitter setup

Step 8 - Integrate Your Charging And Utility

Complete your setup by configuring your utility rates and charging schedule for all connected EVs and devices:

- Set your home locations to enable automatic charging schedules
- Verify your utility and rate plan (Time-of-Use, etc.)
- Set your preferred charging hours
- Enable automatic scheduling for optimal energy bill savings

LED Indicators



Power Status:

WHITE: Idle

GREEN: Receiving power

YELLOW: Secondary paused by Primary Session

YELLOW (blinking):
Secondary paused by App

Error Status:

Orange (solid): Secondary Error - Overcurrent. Verify charging rate is less than Max Load (page 2)

Orange (blinking): Secondary Error - Persistent Overcurrent. Reboot Smart Splitter after adjusting charge rate

Connection Status:

BLUE (double blink):
WiFi Setup - Pairing Mode

BLUE (solid for 3 seconds):
Indicates successful WiFi connection on startup

PURPLE (blinking):
Firmware update in progress

RED (solid for 3 seconds):
Indicate Successful Factory Reset

RED (blinking): Internal Fault.
Please reach out to NeoCharge Support

Smart Splitter Support

- Complete Product Guide - including detailed installation videos, advanced features and settings, and more
- Warranty Info and Registration
- Troubleshooting and Support



Scan QR code
for Support