

## Description

Home bi-directional Electric Vehicle (EV) car charger that can use your EV's battery to power your home during grid outages (V2H) or the load shed your home while exporting excess energy back to the grid (V2G) to get paid for it! Capable of up to 11.5kW charging or discharging power. It's compatible with EV's that have CCS1 or Tesla style NACS charging outlets, depending on the charger model purchased. Pair with the Emporia's Vue energy monitor to automate your EV battery's stored energy use to meet your needs, comfort, and budget. Save money on your electric utility bill by using the stored energy in your EV's battery during high cost Time-of-Use (TOU) or Peak Demand utility rate hours. Further cost savings when paired with a solar panel system by enabling "Solar only Charging." Store and use sustainable energy to reduce your reliance on expensive energy from the utility grid!

## Features

- 11.5kW charge/discharge
- 40 A DC charging
- Load shedding/grid-down backup)
- ISO 15118 V2G interface
- CCS1 or NACS connector
- Automated energy management
- Control and monitor with app
- 2.4 GHz WiFi and Bluetooth

## Specifications

<b>Power (Max)</b>	±11.52kW
<b>Grid Input</b>	240VAC / ±48A
<b>EV Output</b>	450VDC / ±40A
<b>Peak Efficiency</b>	95%
<b>Connector</b>	25' cable with CCS1 or Tesla Style NACS connector
<b>Enclosure</b>	IP66 waterproof indoor/outdoor
<b>Temp Range</b>	-40°F to 122°F (-40°C to +50°C)
<b>Residential Power</b>	240V Single Split Phase Capable

