- System Overview -

- 48 volt system
- 5000 Watt Inverter/charger
- 1,760 watts of solar
- (2) 200AH 48V Lithium Batteries (equal to (8) 100AH 12V Lithium Batteries)
- Wifi & bluetooth monitoring
- Expandable to add additional batteries
- Auto Gen start option (for an on board generator)
Victron Quattro Inverter / Charger

Core Function: Converts DC battery power to AC household power

- 5000 Watt Continuous Power Output 120 Volt AC
- Built-In AC charger 48 volt 100 Amp (Equal to 200 Amp 12 volt)
- Built in automatic transfer switch 50 Amp 120 volt pass through
Victron 100 Amp MPPT Solar Controller
Core Function: Goes between the solar panels & the battery. Keeps the battery from over charging from the solar panels
- 100 Amp Capacity
- Bluetooth capable
**Victron Smart Shunt**

**Core Function:** Measures all current flow going into & out of the battery.
- Provides Accurate SOC % of battery.
- Bluetooth capable
**Victron DC-DC Converter & Battery Protect**

**Core Function:** Converts 48 volt DC to 12 Volt DC. Also has a low battery protect
- Provides power to all the 12 volt loads
- Disconnects on low voltage to protect the batteries internal BMS from shutting off when the battery gets low.
- Also Bluetooth capable.
Transfer Switch

**Core Function:** Manual By-passes complete solar/battery system
- For Emergency Use or if system fails
Batteries Rubix 48 Volt 200 AH Lithium

- 2- Modular Batteries 48 volt 200 AH each equal to 400 AH 12 Volt
Additional Components

- Digital Display Inside Of Unit
- Phone App (Victron Connect)
- 8-220 Watt Solar Panels
- Converter (to jump start batteries) Emergency Use Only
- Fuse’s On Roof To Protect The Panels & The Wiring