

**Notes:**

Place cursor over device to show hyperlink, duplicate items only have links on one location

Links are to products we have used, you may substitute as needed or preferred

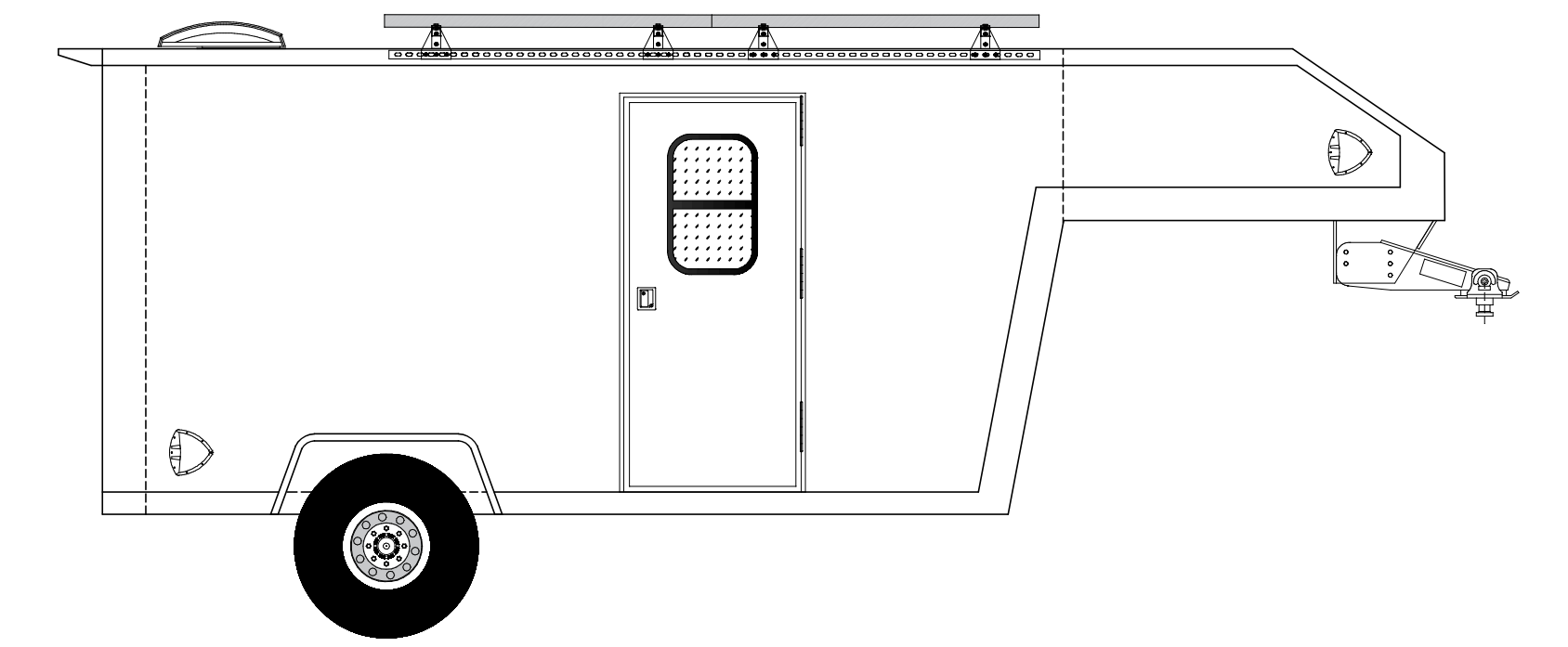
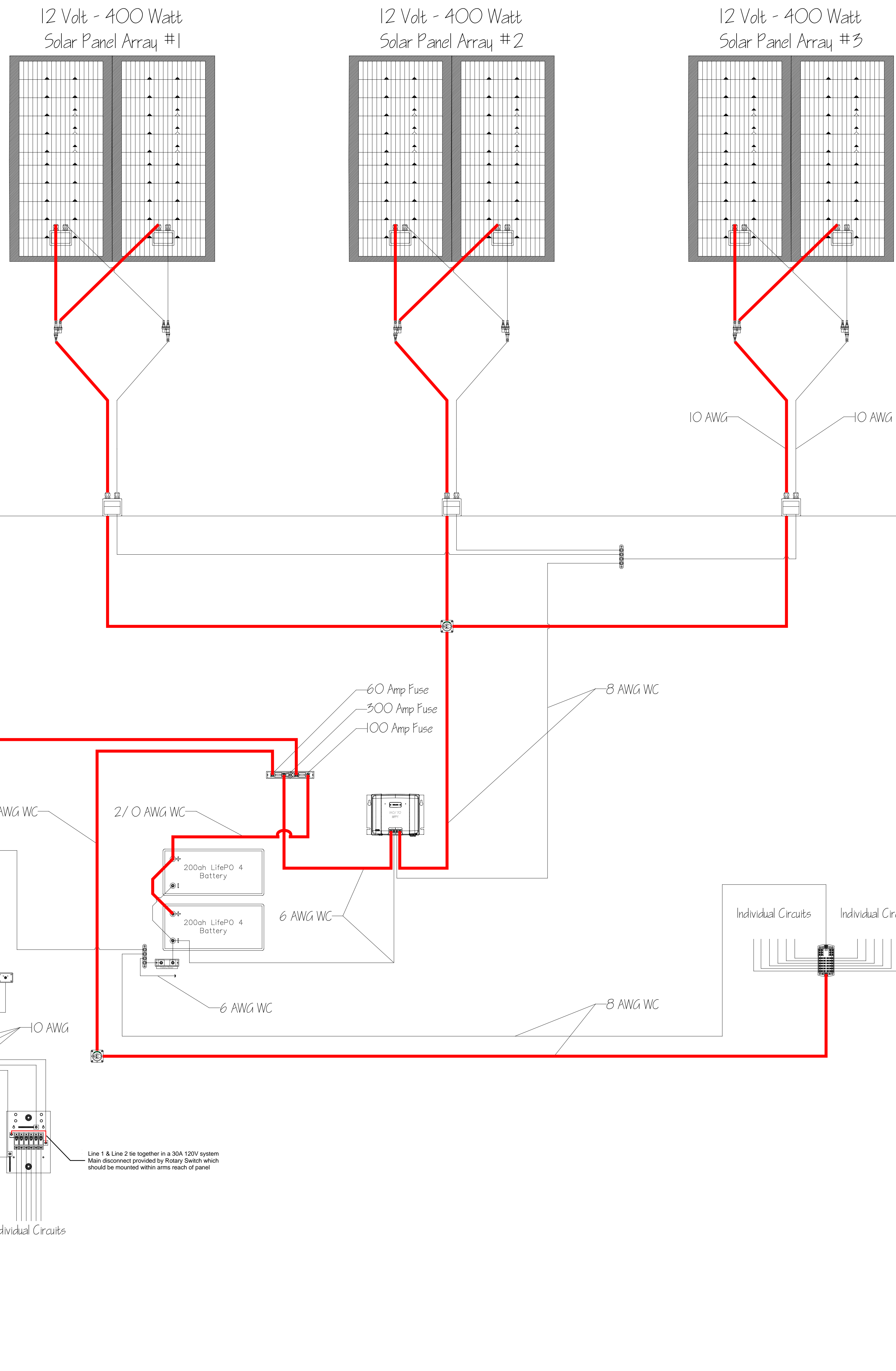
Battery may be changed to fit budget, however 200ah batteries typically have higher BMS output capabilities to meet the needs of 3,000W Inverter

Linked MPPT controller is rated for 1,000W input, typical solar panels are rated about 80% efficiency, should be no issue with 1,200W of panels with linked controller

There are many ways to mount panels, we recommend a uni-strut system, details for the mounting system can be found on our web site

- AWG = American Wire Gauge
- WC = Welding Cable
- Cu = Pure Copper Cable
- CCA = Copper Clad Aluminum Cable

12 Volt - 1,200 Watt Solar Panel Array  
6 x 200 Watt Panels



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Project:

3K Solar System Design

Description:

Boondocking System

Revisions:

No.	Revisions	Date
1.0	First Draft	15-Jan-25

Client:

Telephone:

E-Mail:

Scale:

Drawn to Scale - Not Plotted to Scale

Drawing: 3,000 Watt Electrical System

1.00

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