

## 24V 300 Ah LiFePO4 Build - complete solar generator 7.2KWh

305 Ah LiFePO4 cells 8x (inc shipping)	18650BatteryStore.com	1073.28	<a href="https://www.18650batterystore.com/">https://www.18650batterystore.com/</a>
Inverter/Charger 24V 4000W	Sungold	689.00	<a href="https://sungoldpower.com/collections/24v-inverter-charger/products/4000w-peak-12000w-dc-24v-pure-sine-wave-inverter-with-charger">https://sungoldpower.com/collections/24v-inverter-charger/products/4000w-peak-12000w-dc-24v-pure-sine-wave-inverter-with-charger</a>
BMS B2A8S20P-HC JK	AliExpress	61.93	<a href="https://www.aliexpress.us">https://www.aliexpress.us</a>
Battery Monitor 400A	Amazon	71.99	<a href="https://www.amazon.com/dp/B09W2H9FB1">https://www.amazon.com/dp/B09W2H9FB1</a>
MPPT Victron 150/45 12/24/48	ebay	220.53	
Bus Bar Pair 250A	Amazon	27.99	<a href="https://www.amazon.com/dp/B0BYMNL4YX">https://www.amazon.com/dp/B0BYMNL4YX</a>
Redwolf Breaker 300A	Amazon	23.99	<a href="https://www.amazon.com/dp/B0CJFJ2MPM">https://www.amazon.com/dp/B0CJFJ2MPM</a>
PV Circuit breaker 2x 16A	Amazon	14.89	<a href="https://www.amazon.com/dp/B0964SFYWJ">https://www.amazon.com/dp/B0964SFYWJ</a>
24 to 12 Converter 30A	Amazon	21.77	<a href="https://www.amazon.com/dp/B095KTJGF4">https://www.amazon.com/dp/B095KTJGF4</a>
12V Terminal block w/fuses	Amazon	11.43	<a href="https://www.amazon.com/dp/B07GBV2MHN">https://www.amazon.com/dp/B07GBV2MHN</a>
12V to USB Panel mount 2x		13.99	<a href="https://www.amazon.com/dp/B0CWKBNNNC">https://www.amazon.com/dp/B0CWKBNNNC</a>
1ga Cable 5' Red 5' Black	eBay	41.44	
200 A AMG Fuse 2x	Amazon	9.99	
1ga Lugs 10 x 5/16 & 10 x 3/8	Amazon	19.28	
Anderson Connectors	Powerwerx	78.88	<a href="https://powerwerx.com/dc-power-products">https://powerwerx.com/dc-power-products</a>
Miscellaneous connectors and wires	workshop	50.00	
Inverter / Charger weight: 56lbs			
Battery System weight: 142lbs			

**Total Parts: \$ 2,430.38**