


- Notes:
- This system is good for around 1600W solar, to go higher requires a larger controller or second controller
 - The blue enable circuits can be whatever small gauge wire you have available
 - The solar disconnect BP unit is oversized for future alternator charger
 - Future alternator charger can land on BP220 with solar input
 - The 40A 24V-12V converter uses 2x spade connectors for input and output, thus 2x 12awg suggested (can also use 70A version which has lugs)

Disclaimer: INSTALL AT YOUR OWN RISK, THIS SCHEMATIC IS ONLY A REFERENCE TOOL AND NOT INTENDED TO BE USED AS A GENERIC PLAN FOR SOLAR INSTALLATIONS WITH TESLA BATTERIES. CONSULT A LICENSED ENGINEER OR ELECTRICIAN FOR PROPER DESIGN AND INSTALLATION OF ANY SOLAR ELECTRIC SYSTEM. MORTONS ON THE MOVE / THOMAS MORTON SHALL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES OR INJURY RESULTING FROM IMPROPER INSTALLATION OR SYSTEM DESIGN

Title 24V Tesla Battery Schematic for Mobile applications		 <small>mortons on the move</small>
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Date 2-13-19		SHT 1 of 1 REV 3.1