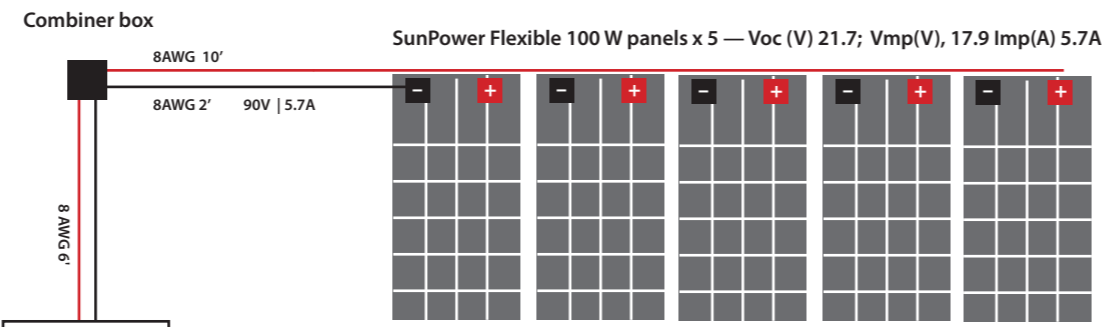


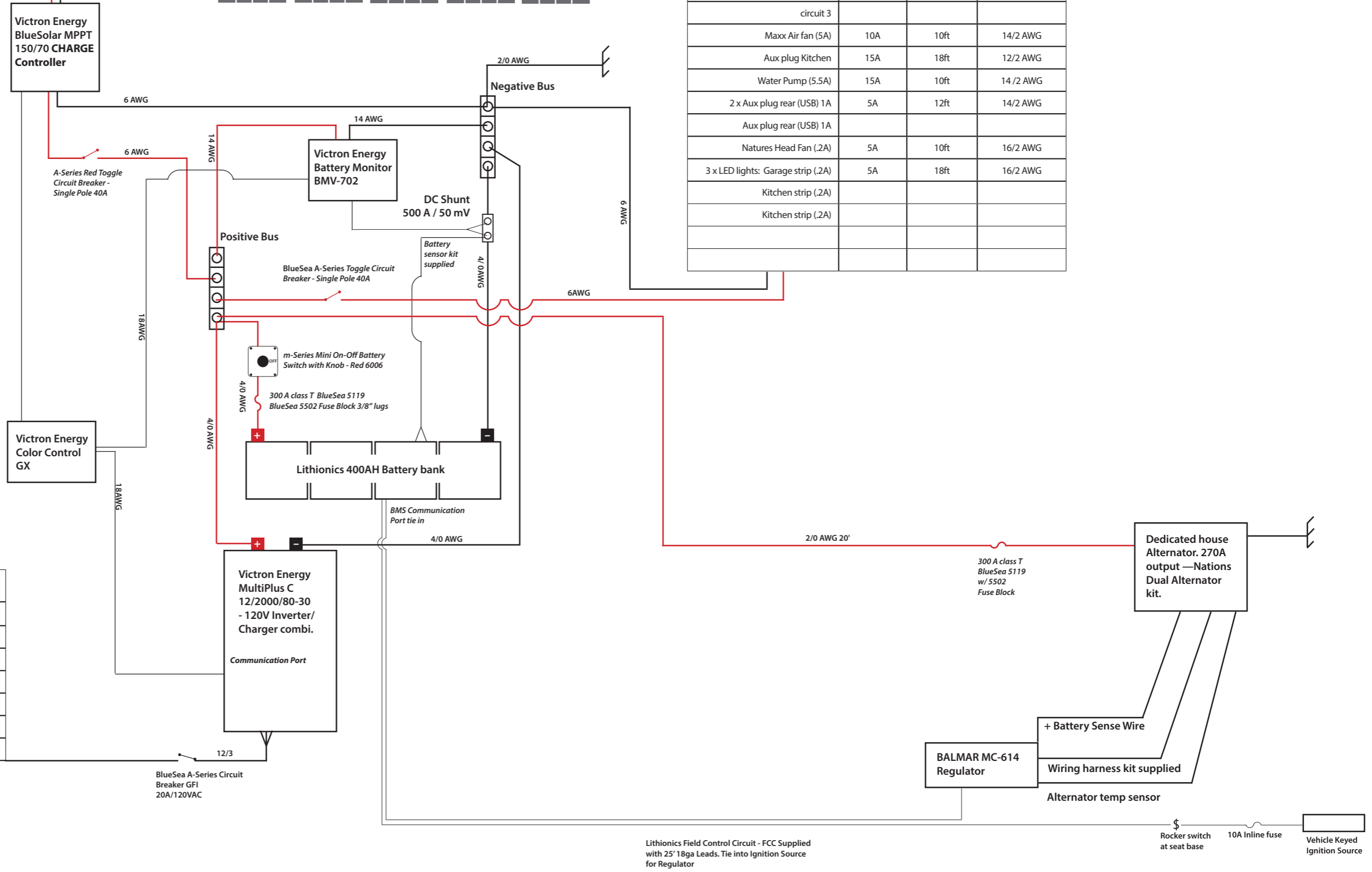


2015 170WB Sprinter Cargo Van electric schematic

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12V DC Panel			
USE	FUSE	LENGTH	WIRE SIZE
ARB Fridge 63 Qt (7A)	15A	8ft	12/2 AWG
Espar D2 Diesel Heater (3A)	10A	12ft	14/2 AWG
3 x LED lights circuit 1 (.2A)	5A	18ft	16/2 AWG
circuit 2			
circuit 3			
Maxx Air fan (5A)	10A	10ft	14/2 AWG
Aux plug Kitchen	15A	18ft	12/2 AWG
Water Pump (5.5A)	15A	10ft	14/2 AWG
2 x Aux plug rear (USB) 1A	5A	12ft	14/2 AWG
Aux plug rear (USB) 1A			
Natures Head Fan (.2A)	5A	10ft	16/2 AWG
3 x LED lights: Garage strip (.2A)	5A	18ft	16/2 AWG
Kitchen strip (.2A)			
Kitchen strip (.2A)			



House 120V AC Panel		
USE	FUSE	WIRE SIZE
Water Heater	15 AC	12/3 AWG
3 x wall outlets 120V AC Desk	15 AC	12/3 AWG
2 x wall outlets 120V AC Kitchen	15 AC	12/3 AWG
2 x wall outlets 120V AC Garage	15 AC	12/3 AWG
Induction Cook Top 1800W	20 AC	12/3 AWG

*all 120V AC outlets will be GFCI

Lithionics Field Control Circuit - FCC Supplied with 25' 18ga Leads. Tie into Ignition Source for Regulator

Rocker switch at seat base 10A Inline fuse Vehicle Keyed Ignition Source