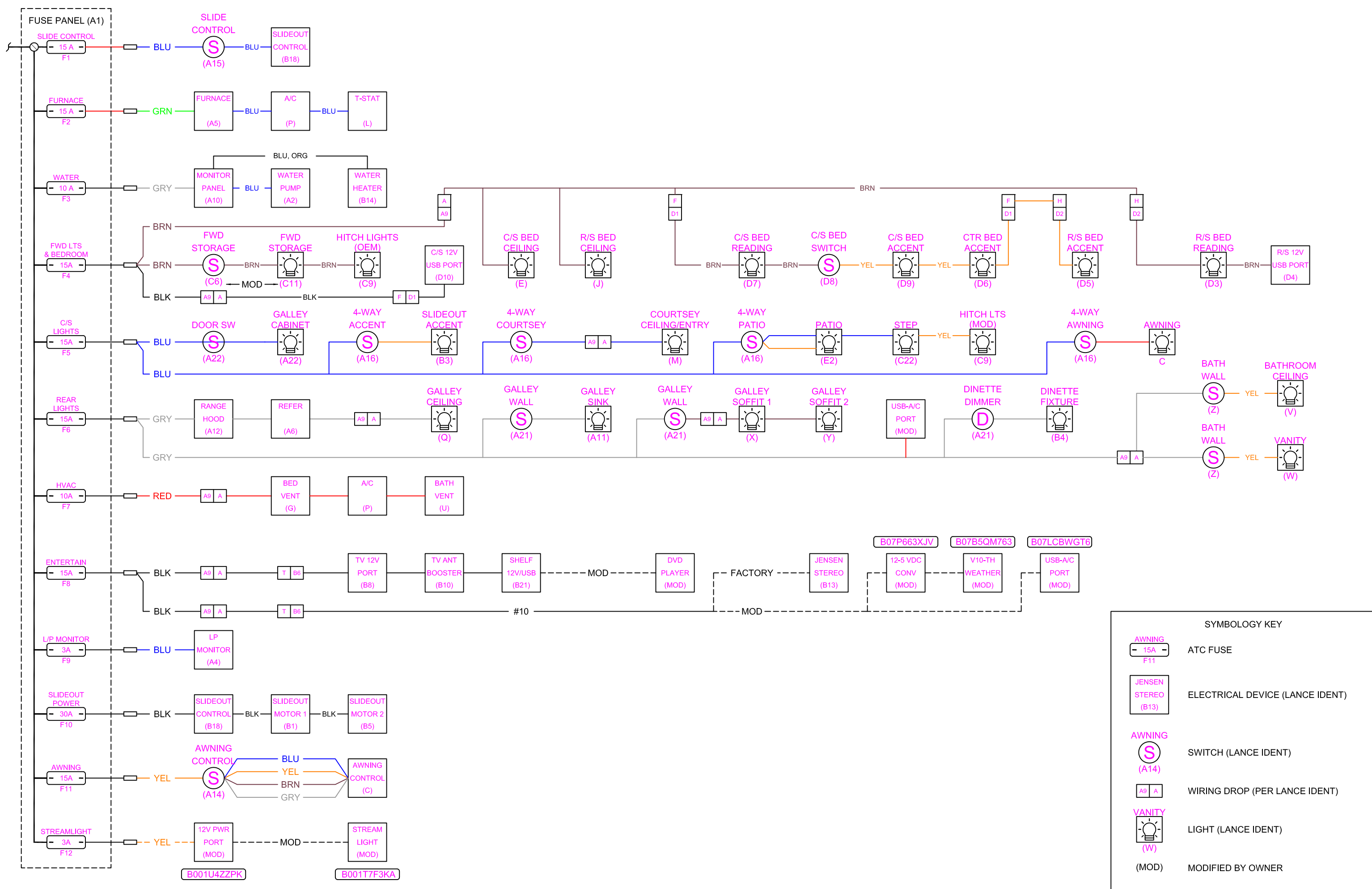


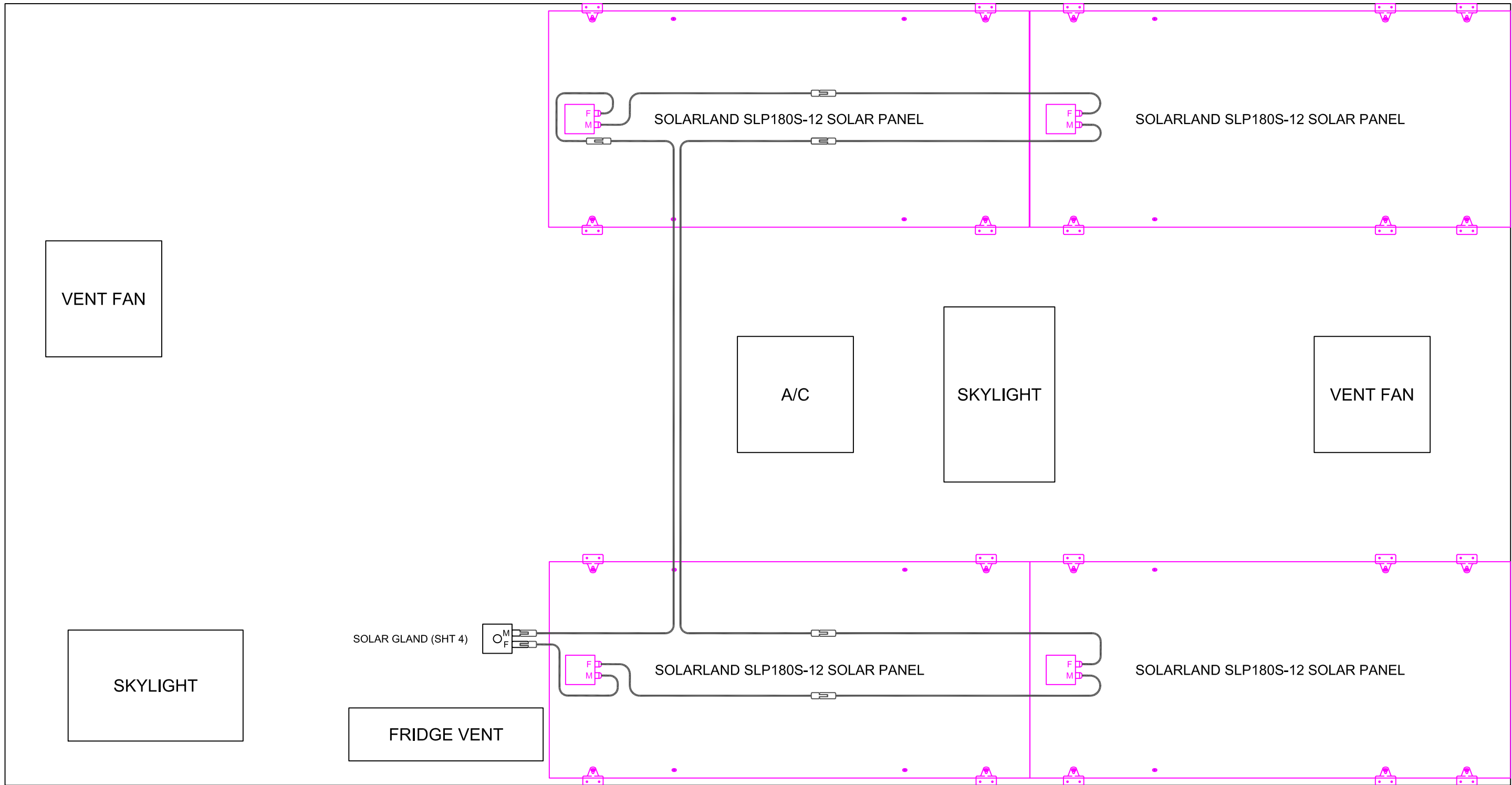
SYMBOLY KEY

	B01BV1MS1K	AMAZON STANDARD IDENT NUMBER (ASIN)
		GROUND BUS BAR
	AWNING - 15A - F11	ATC FUSE
	40	AUTO RESET CIRCUIT BREAKER
	30	MANUAL RESET CIRCUIT BREAKER
		BARRIER TERMINAL STRIP



SYMBOLY KEY

	ATC FUSE
	ELECTRICAL DEVICE (LANCE IDENT)
	SWITCH (LANCE IDENT)
	WIRING DROP (PER LANCE IDENT)
	LIGHT (LANCE IDENT)
	MODIFIED BY OWNER



Configure BMV-712 for BattleBorn Batteries

* = Changes from default

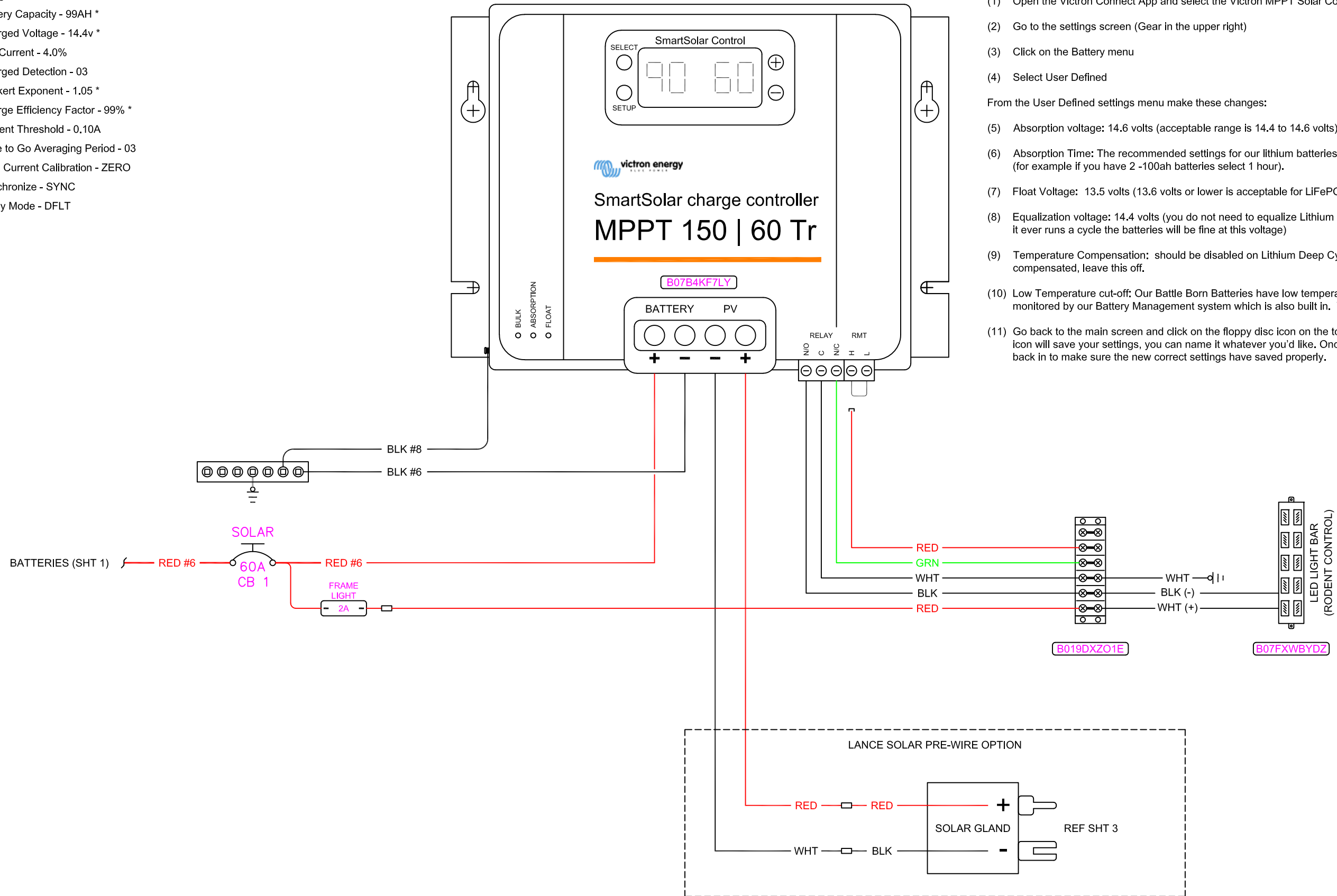
- (01) Battery Capacity - 99AH *
- (02) Charged Voltage - 14.4v *
- (03) Tail Current - 4.0%
- (04) Charged Detection - 03
- (05) Puekert Exponent - 1.05 *
- (06) Charge Efficiency Factor - 99% *
- (07) Current Threshold - 0.10A
- (08) Time to Go Averaging Period - 03
- (09) Zero Current Calibration - ZERO
- (10) Synchronize - SYNC
- (11) Relay Mode - DFLT

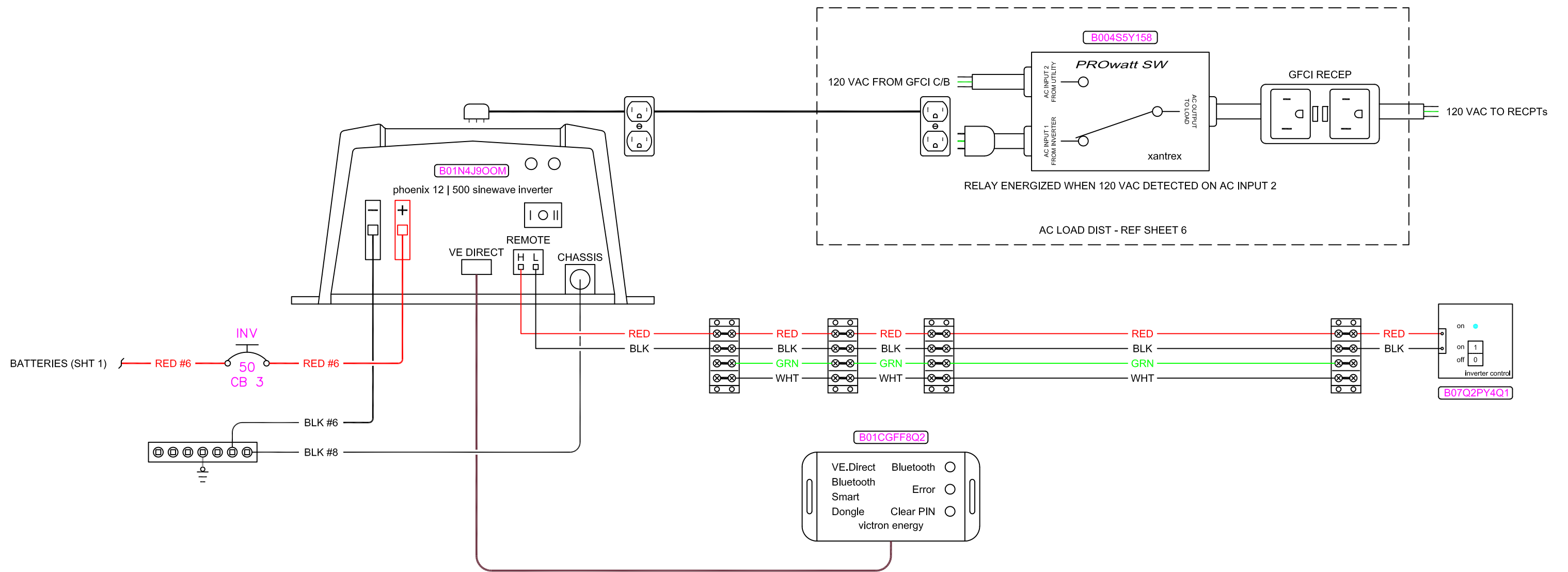
Programming a Victron SmartSolar Charge Controller Guide for BattleBorn Lithium Batteries

- (1) Open the Victron Connect App and select the Victron MPPT Solar Controller
- (2) Go to the settings screen (Gear in the upper right)
- (3) Click on the Battery menu
- (4) Select User Defined

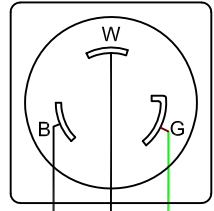
From the User Defined settings menu make these changes:

- (5) Absorption voltage: 14.6 volts (acceptable range is 14.4 to 14.6 volts)
- (6) Absorption Time: The recommended settings for our lithium batteries is half an hour per 100ah of LiFePO4 battery (for example if you have 2 -100ah batteries select 1 hour).
- (7) Float Voltage: 13.5 volts (13.6 volts or lower is acceptable for LiFePO4 batteries)
- (8) Equalization voltage: 14.4 volts (you do not need to equalize Lithium ion, you will have equalize turned off, but incase it ever runs a cycle the batteries will be fine at this voltage)
- (9) Temperature Compensation: should be disabled on Lithium Deep Cycle batteries because they do not need to be compensated, leave this off.
- (10) Low Temperature cut-off: Our Battle Born Batteries have low temperature charging protection built into the battery, it monitored by our Battery Management system which is also built in. You can leave this off too.
- (11) Go back to the main screen and click on the floppy disc icon on the top right. It'll be the first icon on the toolbar. This icon will save your settings, you can name it whatever you'd like. Once saved, you can back out of the unit and go back in to make sure the new correct settings have saved properly.

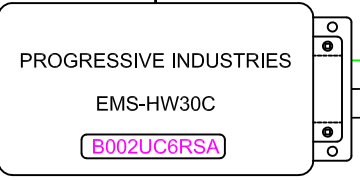
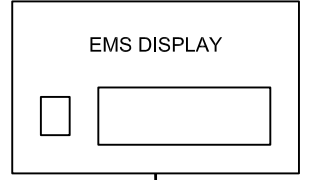




MALE NEMA L5-30P
MATING SIDE
TRAILER POWER CONNECTOR [L]

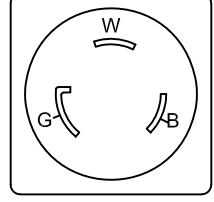


GRN #10
WHT #10
BLK #10



LOC: LOWER GALLEY

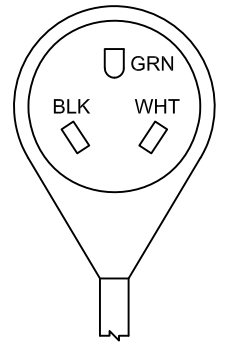
NEMA L5-30P
WIRE SIDE



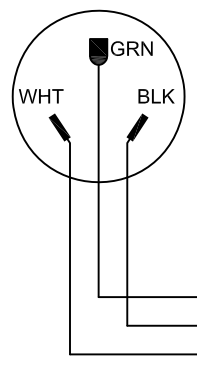
PEDESTAL CONNECTION

POWER CORD

NEMA TT-30R
MATING SIDE

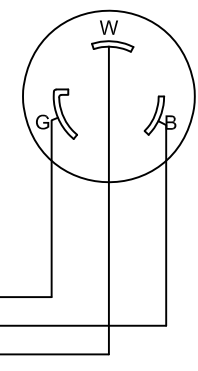


NEMA TT-30P
MATING SIDE

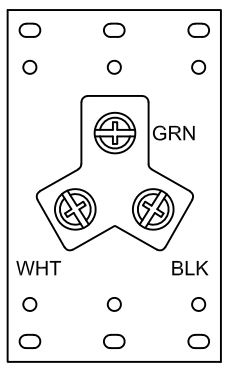


GRN #10
BLK #10
WHT #10

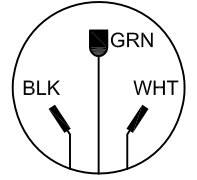
NEMA L5-30R
MATING SIDE



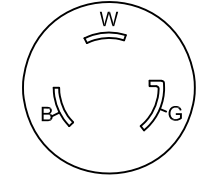
NEMA TT-30R
(WIRE SIDE)



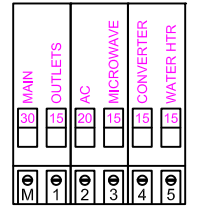
NEMA TT-30P
WIRE SIDE



NEMA L5-30R
WIRE SIDE



LOC: UNDER OVEN



MAIN
CB-M

OUTLETS
CB-1

AC
CB-2

MICRO
CB-3

CONVERTER
CB-4

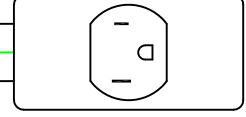
WATER HTR
CB-5

INTERNAL
CONVERTER

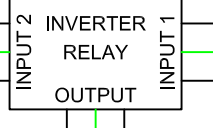
+ 12 VDC OUT
- 12 VDC OUT

PD4045/60 LOAD CENTER

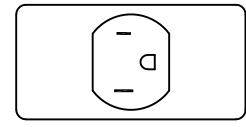
FRIDGE RECEP



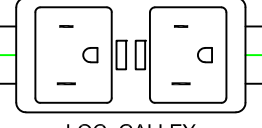
LOC: GALLEY



120 VAC FROM INVERTER



GFCI RECEP

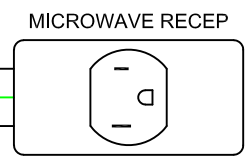


LOC: GALLEY

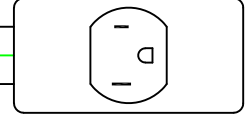
INVERTER - REF SHEET 5

OUTLETS - SHEET 7

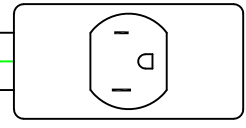
ROOFTOP AC



MICROWAVE RECEP



WATER HEATER RECEP



FUSE PANEL

