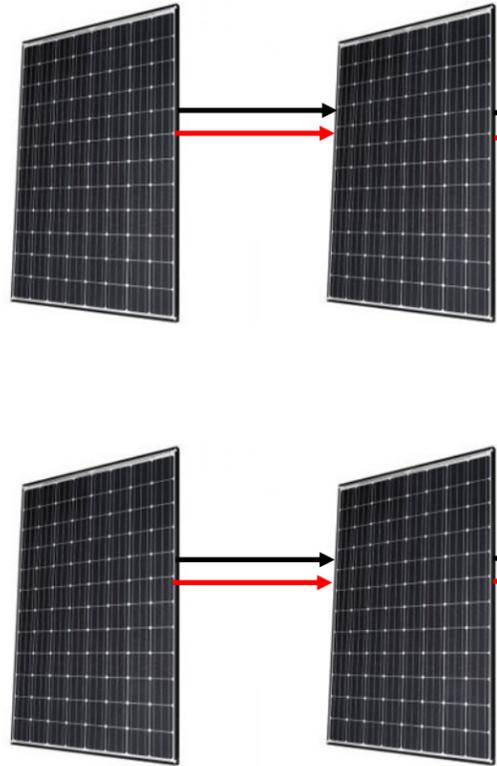


Victron MPPT 150/85
Solar Charge Controller

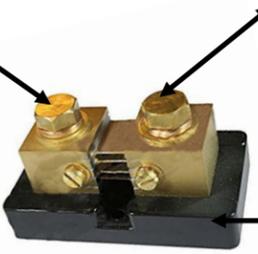
6—100 amp-hr Battle Born Batteries



4 Panasonic 325 watt PV Panels wired
in Series—Parallel
1—20 amp fuse per Series (#10 wire)
Each panel is a 24 volt panel
650 watts/ 48 volts = 13.5 Amps



1300 watts / 12 volts
= 108.3 amps max
150 amp fuse
2 AWG from Solar
Charge Controller to
Batteries



Shunt

3000 watts/ 12 volts = 250 amps
300 amp fuse
Add Main disconnect here
4/0 from battery to inverter



Victron 12 VDC | 3000
watt | 120 VAC inverter
with charger
A/C in and out # 6 AWG, note
yellow = white = neutral
Black = hot
Green = Ground

Victron BMV 720



Cat 5 wire, provided

Victron Blue Tooth Dongle



Positive and Negative
power needed. Wire
included.

Shore Power

Line 1 Breaker Box

- 1) Bedroom A/C
- 2) Fridge/Receptacles
- 3) Outlets/TV
- 4) Microwave
- 5) Bedroom/Cargo area Receptacles

Line 2 Breaker Box

- 1) Kitchen A/C
- 2) Water Heater



300 amp
fuse, 4/0
wire



Trailer DC
Loads via
120 amp
breaker
#2 AWG



150 amp fuse on the #2 AWG