

FRS-01 Fire Raptor
RSD Modules x4

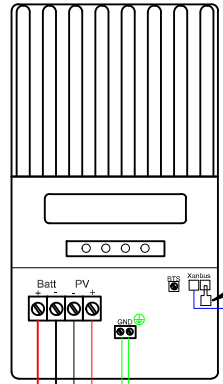
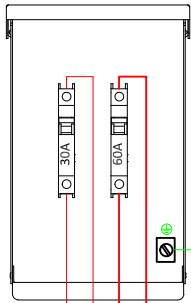
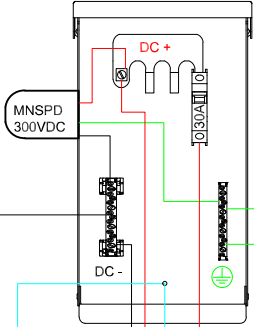
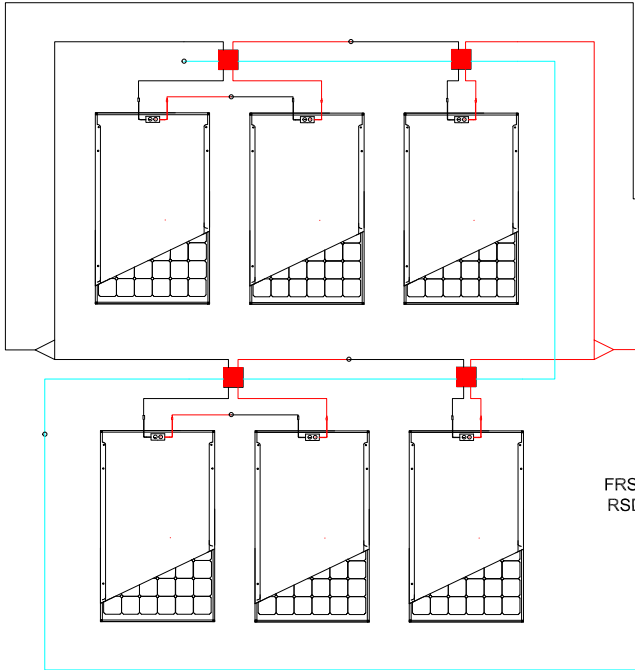
PV ARRAY
x6 Trina Solar TSM-245PA05
2 strips of 3

COMBINER
MNPV3

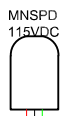
MNBIGBABY
BOX

CHARGE CONTROLLER Schneider
XW-MPPT-60

Schneider System Control Panel
(SCP)



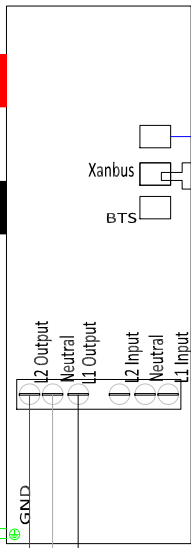
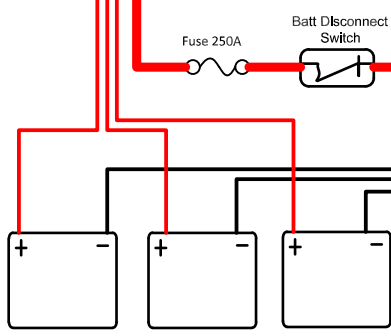
FRS-SIGCAB1.8-F
RSD Signal Cable



DC + Bus

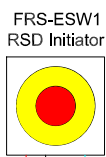
DC - Bus

INVERTER
Schneider XW
865-4048

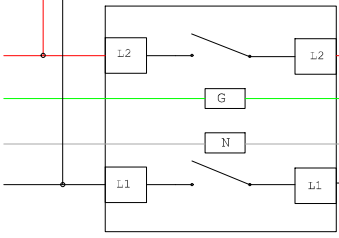


BATTERY BANK 48V
x3 in parallel

Wire Size Guide:
Panels to combiner, #10 AWG
Combiner to controller, #10 AWG
Fire Raptor control cable, #16 AWG
Controller to batts, #6 AWG
Batt interconnects (parallel cables) #2 AWG
Inverter Cables #4/0 AWG
AC Output #8 AWG



To Loads



AC DISCONNECT
60A