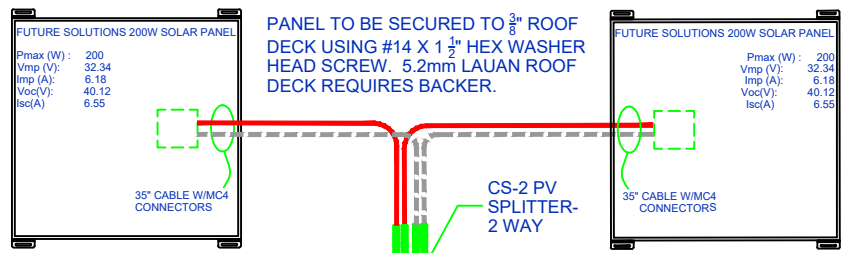


SECURE EACH BRACKET TO PANEL FRAME USING 1/4" X 1" STAINLESS BOLT & NYLOCK NUT (11-15 FT-LBS)

PANEL TO BE SECURED TO 1 1/2" ROOF DECK USING #14 X 1 1/2" HEX WASHER HEAD SCREW. 5.2mm LAUAN ROOF DECK REQUIRES BACKER.



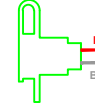
VICTRON 30A CHARGE CONTROLLER



CHASSIS GROUND  
10 GA. BLACK

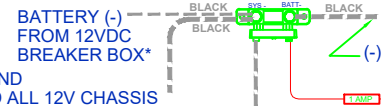
NOTE:  
FUSE HOLDER NOT REQUIRED WITH 12VDC FIFTH WHEEL BREAKER BOX APPLICATIONS

15 AMP IN-LINE FUSE 10 GA. HOLDER  
10 GA. WIRE (BLACK/RED #3)



SIDEWALL PORT

VICTRON SMART SHUNT 500A/50mV



CHASSIS GND MUST LAND ALL 12V CHASSIS GND WITH THIS GND

ROOF DOCK PORT(S) - QTY 2  
NOTE: MAX (2) 300W PANELS PER DOCK PORT  
ROOF MOUNTED DOCK PORT INSTALL WITH #8 SCREWS

10 GA. WIRE (BONDED BLACK/RED #1) 40' MAX : CIRCUIT LENGTH (DOCK PORT TO CHARGE CONTROLLER)  
10 GA. WIRE (BONDED BLACK/RED #2) 10' MAX: CHARGE CONTROLLER TO BATTERY

10 GA. WIRE (BONDED BLACK/RED #1) 10' MAX: CHARGE CONTROLLER TO BATTERY

(-) SOLAR CHARGE TERMINATES ON 12VDC BREAKER BOX GROUND BAR\*

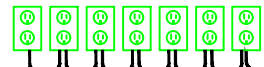
30 AMP MINI BREAKER(S) LOCATED IN 12VDC BREAKER BOX\*

(+) SIDE PORT TERMINATES IN 12VDC BREAKER BOX\*

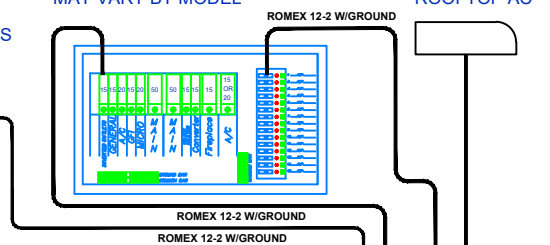
(-) SIDE PORT TERMINATES ON 12VDC BREAKER BOX GROUND BAR\*

(-) 12VDC BATTERY  
(+) SHUNT TERMINATES IN 12VDC BREAKER BOX TERMINATE WITH SIDE PORT SOLAR CHARGE

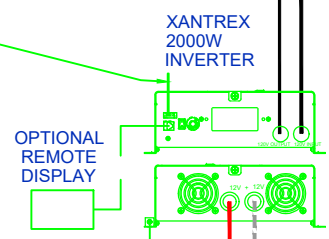
(7) MAX: 15A DUPLEX RECEPES RECEPES MUST BE IDENTIFIED AS INVERTED/INVERTER PREP OUTLETS



NOTE: BREAKER LOCATION MAY VARY BY MODEL



(OPTIONAL) IGNITION CONTROL IN-COMMAND ONLY PINK w/BLACK STRIPE 18 ga. CONNECT TO BCM TRIGGER IGNITION CONTROL SET TO (Ato) ON INVERTER SEE PAGE 43 IN OWNERS GUIDE



CHASSIS GROUND 8 GA. BARE WIRE

250 AMP MIN RATED DISCONNECT (ON/OFF) IGNITION PROOF NON-SPARK PRODUCING

250 AMP FUSE POST FUSE SHOWN (STYLE MAY VARY BY PRODUCT)

FUTURE CHARGE CONTROLLER LOCATION

LABEL PER ANSI/RVIA LV

THE LOCATION FOR FUTURE CHARGE CONTROLLER INSTALLATION MUST BE IDENTIFIED BY MFG.

THE CONDUCTORS IN THE SOLAR CONTROLLE LOCATION FOR CONNECTION TO THE BATTERY OUTPUT ARE LABELED AS "BATTERY +" AND "BATTERY -".

THE CONDUCTORS IN THE SOLAR CONTROLLER LOCATION FOR CONNECTING TO THE SOLAR INPUT SHALL BE LABELED AS "PV+" & "PV+".

NOTE:  
CUSTOMER RESPONSIBLE FOR INVERTER(S) SIZING & SELECTION, FOR A/C OPERATION SPECIAL CONSIDERATIONS & AC SELECTION MAY BE REQUIRED. KRV IS NOT RESPONSIBLE FOR SELECTION OF AFTERMARKET EQUIPMENT INSTALLED.

LOOP CIRCUIT ACCESS POINT FOR FUTURE INVERTER INSTALL

2/0 GA. WIRE SUPPLIED BY OTHERS (BLACK/RED) SEE 12VDC WIRE CHART LENGTHS MAY VARY BY PRODUCT

12 VDC INVERTER POWER WIRE CHART

AWG GA. NO.	MAX DEVELOPED LENGTH TOTAL CIRCUIT	WIRE TYPE
1/0 GA.	16' (192 IN)	105 Deg. C
2/0 GA.	24' (288 IN)	105 Deg. C

TITLE <b>SOLARFLEX 400I (SF400I) XANTERX</b>	BY <b>BAG</b>	DATE <b>07/28/21</b>
KEYSTONE RV COMPANY CUSTOMER SERVICE TECHNICAL SUPPORT DRAWING		DWG # <b>CS-0077</b>