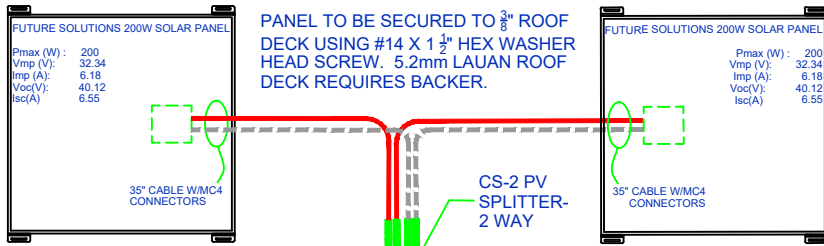
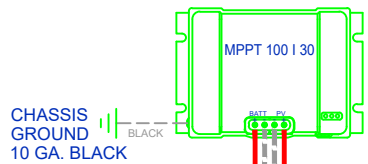


SECURE EACH BRACKET TO PANEL FRAME USING  $\frac{1}{4}$ " X 1" STAINLESS BOLT & NYLOCK NUT (11-15 FT-LBS)

PANEL TO BE SECURED TO  $\frac{3}{8}$ " ROOF DECK USING #14 X 1  $\frac{1}{2}$ " HEX WASHER HEAD SCREW. 5.2mm LAUAN ROOF DECK REQUIRES BACKER.



VICTRON 30A CHARGE CONTROLLER



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 #2) 40' MAX : CIRCUIT LENGTH (DOCK PORT TO CHARGE CONTROLLER)

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.

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 CONTROLLER LOCATION FOR CONNECTION TO THE BATTERY OUTPUT ARE LABELED AS "BATTERY +" AND "BATTERY -".

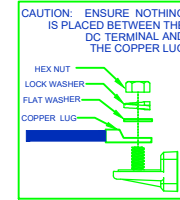
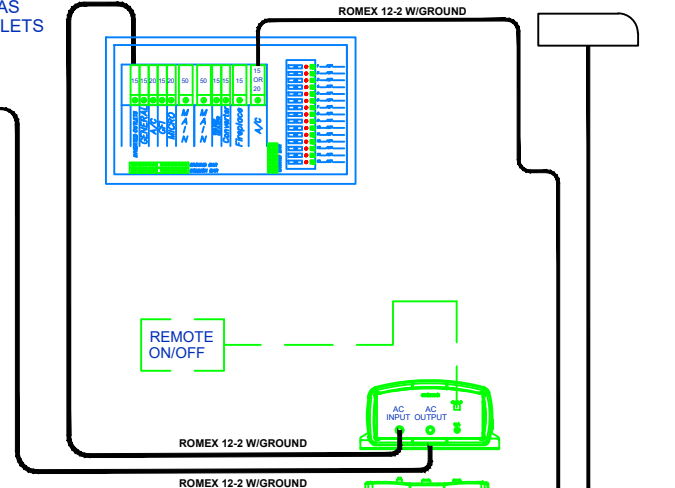
THE CONDUCTORS IN THE SOLAR CONTROLLER LOCATION FOR CONNECTING TO THE SOLAR INPUT SHALL BE LABELED AS "PV+" & "PV+".

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

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

(+) 12VDC BATTERY

NOTE: BREAKER LOCATION MAY VARY BY MODEL



CAUTION: ENSURE NOTHING IS PLACED BETWEEN THE DC TERMINAL AND THE COPPER LUG

MAGNUM 2000W INVERTER

LOOP CIRCUIT ACCESS POINT FOR FUTURE INVERTER INSTALL

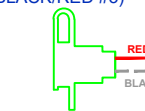
CHASSIS GROUND 8 GA. BARE WIRE

1/0 OR 2/0 GA. SUPPLIED BY OTHERS (BLACK/RED) SEE 12VDC WIRE CHART LENGTHS MAY VARY BY PRODUCT

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

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

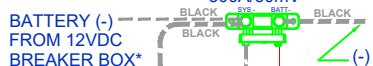
(-) SOLAR CHARGE TERMINATES ON 12VDC BREAKER BOX GROUND BAR\*

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\*

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



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

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.

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	BY	DATE
SOLARFLEX 400i (SF400i) MAGNUM	BAG	07/28/21
KEYSTONE RV COMPANY CUSTOMER SERVICE TECHNICAL SUPPORT DRAWING		DWG # CS-0077