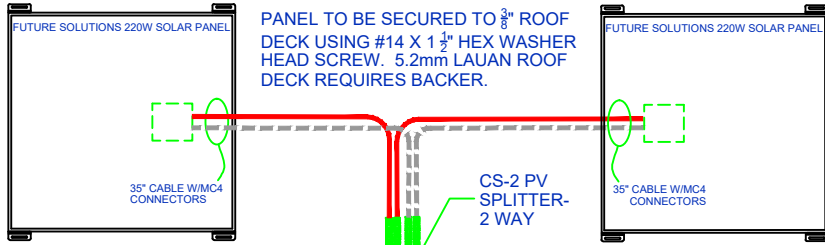
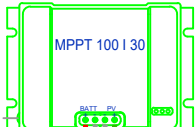


SECURE EACH BRACKET TO PANEL FRAME USING $\frac{1}{4}$ " X 1" STAINLESS BOLT & NYLOCK NUT (11-15 FT-LBS)

PANEL TO BE SECURED TO $\frac{3}{8}$ " ROOF DECK USING #14 X 1 $\frac{1}{4}$ " HEX WASHER HEAD SCREW. 5.2mm LAUAN ROOF DECK REQUIRES BACKER.



VICTRON 30A CHARGE CONTROLLER

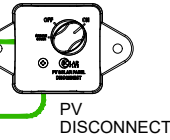


CHASSIS GROUND
10 GA. BLACK

CS-2 PV SPLITTER- 2 WAY

ROOF DOCK PORT(S) - QTY 2
NOTE: MAX (3) 220W PANELS PER DOCK PORT
INSTALL WITH # 8 SCREWS

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



PV DISCONNECT

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

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

15 AMP IN-LINE FUSE 10 GA. HOLDER

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

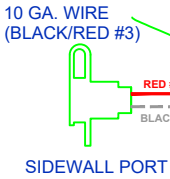
SOLAR CIRCUIT BREAKER #2 BREAKER

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*

BATTERY (-) FROM 12VDC BREAKER BOX*

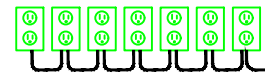


SIDEWALL PORT

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.

* SEE FW OR TT 12VDC BREAKER BOX DIAGRAM

(7) MAX: 15A DUPLEX RECEPES MUST BE IDENTIFIED AS INVERTED/INVERTER PREP OUTLETS ONE OR MORE OF THESE OUTLETS MAY BE GFI PROTECTED



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

FUTURE CHARGE CONTROLLER LOCATION

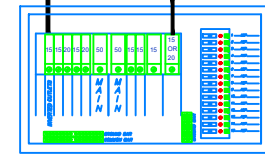
LABEL PER ANSI/RVIA LV

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

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

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

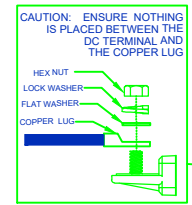
NOTE: BREAKER LOCATION MAY VARY BY MODEL



REMOTE ON/OFF

ROMEX 12-2 W/GROUND

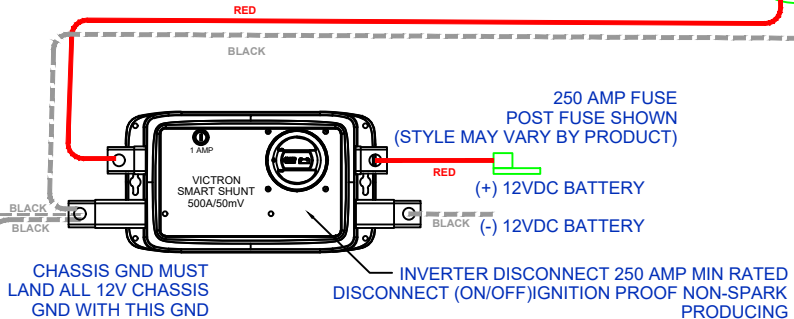
MAGNUM 2000W INVERTER



LOOP CIRCUIT ACCESS POINT FOR FUTURE INVERTER INSTALL

CHASSIS GROUND 8 GA. BARE WIRE

1/0 OR 2/0 GA. (BLACK/RED)



TITLE		BY	DATE
SOLARFLEX DISCOVER MAGNUM TT		BAG	06/10/24
KEYSTONE RV COMPANY CUSTOMER SERVICE TECHNICAL SUPPORT DRAWING			DWG # CS-0077c

12 VDC INVERTER POWER WIRE CHART			DATE	CHANGE
AWG GA. NO.	MAX DEVELOPED LENGTH TOTAL CIRCUIT	WIRE TYPE	7/24/23	'24 REVISIONS
1/0 GA.	16' (192 IN)	105 Deg. C	11/2/23	ADDED GFI NOTE TO OUTLETS
2/0 GA.	24' (288 IN)	105 Deg. C		