AUXILIARY BATTERY RELAY - OEM

FUSE IN DRIVERS SEAT BASE

50

6 AWG

ALTERNATOR

12V SOLAR PANELS IN PARALLEL. MAX OPEN CIRCUIT VOLTAGE = 32V DC

15A IN-LINE FUSE ABOVE ROOF

CABLE ENTRY

100W

100W

10 AWG 10 FT

10 AWG 10 FT

SOLAR PANELS

10 AWG - Renogy

10 AWG - Renogy

Remote Monitor *3

REMOTE CONTROL

RENOGY

REDARC

REDARC MANAGER 30

#2 & #4 not used

12V DC PANEL BLUE SEA 8023

120V AC PANEL BLUE SEA 8467

12 VOLT LOADS
REFRIGERATOR
CABIN HEATER
ROOF FAN
WATER PUMPS
TOILET
LIGHTING #1
LIGHTING #2
12V OUTLETS

SOURCE SELECTOR
W/LOCKOUT SLIDE

120 VOLT LOADS
WATER HEATER
REFRIGERATOR
INDUCTION COOKTOP
115V AC OUTLETS

120V AC 30A 10/2 W/G CABLE

2 AWG

2 AWG

8 AWG

8 AWG

250A FUSE

BATTERY SWITCH

2/0 AWG

VOLTAGE AND TEMPERATURE SENSOR

REDARC

Battery Sensor *3

(2) 100Ah LITHIUM BATTERIES - PARALLEL

FUSES

40A

125A

250A

(+) FUSE BLOCK

2/0 AWG

2/0 AWG

(-) GROUND BUS

10 AWG

2/0 AWG

2/0 AWG

RENOGY 2000W INVERTER
(2000W/12V)/.9 x 1.25=231W
USE 250A FUSE

AC-120V 15A
14/2 W/G

BLUE SEA 8029

30A

10/2 W/G

SHORE POWER

30A 2-POLE MAIN + (1)15A SINGLE POLE BRANCH

120V AC 30A 10/2 W/G CABLE

CHASSIS GROUND

SPRINTER VAN ELECTRICAL DIAGRAM

09/17/2021 WORK IN PROGRESS