Renogy Van Wiring

Alternator



Starter Battery - Optima Yellowtop
AGM - 55AH - 12V - Model D34/78
CA-870; CCA-750; RC-120



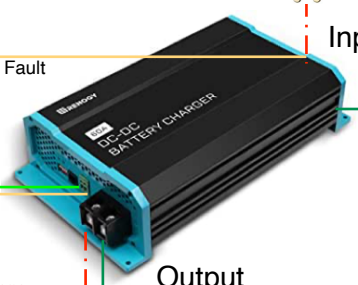
Starter Battery

80A fuse

To IGN

Fault

Input



Output

Renogy DC to DC 60A charger
DIP Switch Settings
S1 - Off - 14.7V
S2 - Off - 14.7V — *Absorption Charge*
S3 - On - 13.8V
s4 - On - 13.8V — *Float Charge*
s5 - On - Battery Type — *AGM Battery*

DC Positive-12V

DC Negative-12V

70A fuse



3000W Inverter

Switch



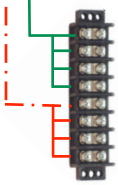




3 House Batteries

House Batteries (3) - Universal Battery - UB121000
Three parallel wired AGM batteries - 100 AH, 12V,
Max Charge Amps - 30A
Totals: 300AH, 12V, max chg amps = 90A per battery

AC Distribution
Microwave
Hot water pot
Waffle makers
Hot Plate - 1100w
Toaster - 700w
Coffee Grinder -



12V Terminal Strip
-1 Clip-on fan
-2 LED lgts & roof fan
-3 12V outlet behind micro
-4 12V freezer outlet (ceiling)
+1 Clip-on fan
+2 LED lgts & roof fan
+3 12V outlet behind micro
+4 12V freezer outlet (ceiling)