Shore Power (30A Input)

10AWG

Breaker 1, 30A Inline

10AWG

Breaker 2, 20A Inline

10AWG

GND

Outlet (Inside)

Outlet (Inside)

Outlet (Galley) (GFI)

01

10AWG

Breaker 3, 20A Inline

10AWG

GND

Outlet (Inside)

Outlet (Galley) (GFI)

02

10AWG

10AWG

Neutral Bar

10AWG

01

02

10AWG

GND Bar

10AWG

Chassis

GND

10AWG

15 FT 2/0 Cable, BLK

-12VDC

7-Pin Connector (Truck)

-

12V AGM Battery

+

+12VDC

200A Fuse

15 FT 2/0 Cable, RED

Converter Charger (Progressive Dynamics 60A)

Inverter (1200W Continuous, 2400W Peak)

Connect Inverter to Outlet using suicide cord *ONLY* when breaker 1 is open AND shore power disconnected.

10AWG

Fuse Block (12 Circuit)

14AWG

Vent Fan

14AWG

Switched Light (Galley)

14AWG

Switched Light (Galley)

14AWG

Switched Light (Interior)

14AWG

Switched Light (Interior)

10AWG

Switch Panel (5-Pos)

14AWG

USB Charger

14AWG

Swamp Cooler Plugin

14AWG

Sink Water Pump

14AWG

Right Porch Light

14AWG

Left Porch Light

INSIDE TRAILER TONGUE BOX

INSIDE CAMPER (~15 FT RUN)

KEY

DC Component

AC Component

Wire: AC Hot

Wire: AC Neutral

Wire: AC Ground

Wire: +12VDC

Wire: -12VDC

Notes:

1.) MAXIMUM WIRE LENGTH: 15.0 FT
2.) ALL WIRE TO BE COPPER THHN
3.) BATTERY TO BE AGM DEEP CYCLE, CAPACITY TBD
4.) ALL WIRE INTO SCREW TERMINALS TO USE FERRULES
5.) ALL RING TERMINALS TO BE CRIMPED WITH HEAT SHRINK EXTENDING ½" MIN BEYOND CRIMP

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