

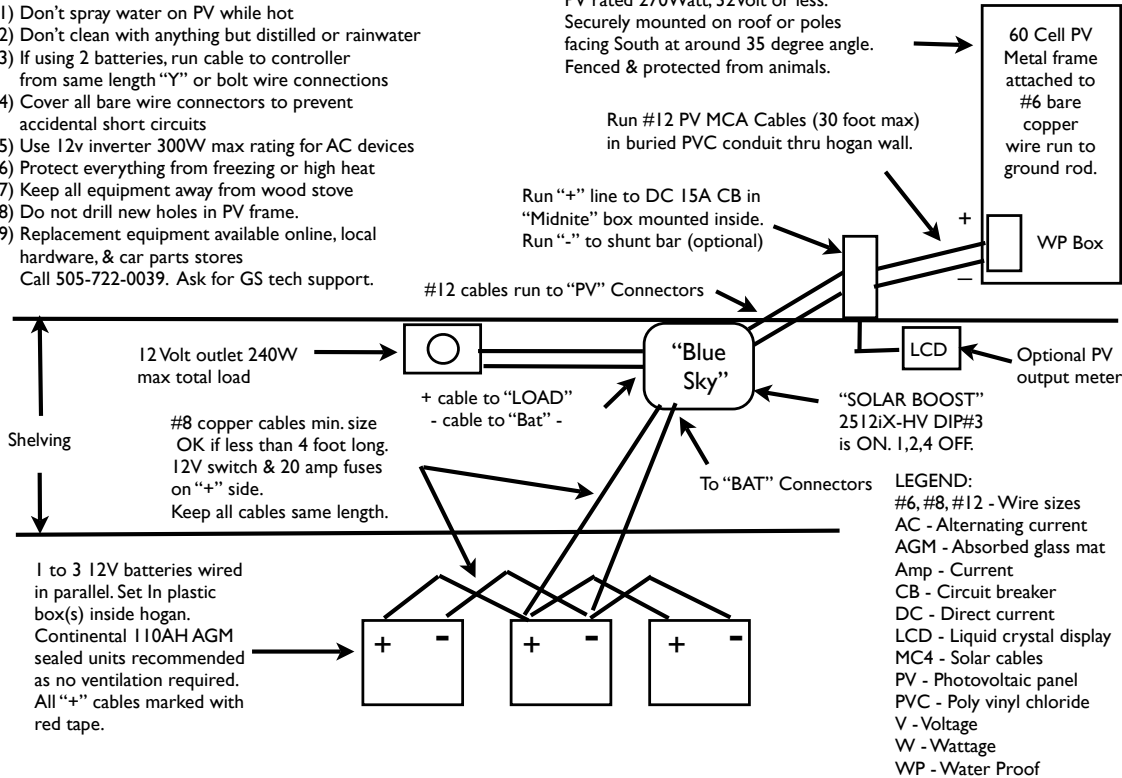
# Gallup Solar's 12Volt Hogan System

For use with various 12 volt household items

**NOTES:**

- 1) Don't spray water on PV while hot
- 2) Don't clean with anything but distilled or rainwater
- 3) If using 2 batteries, run cable to controller from same length "Y" or bolt wire connections
- 4) Cover all bare wire connectors to prevent accidental short circuits
- 5) Use 12v inverter 300W max rating for AC devices
- 6) Protect everything from freezing or high heat
- 7) Keep all equipment away from wood stove
- 8) Do not drill new holes in PV frame.
- 9) Replacement equipment available online, local hardware, & car parts stores  
Call 505-722-0039. Ask for GS tech support.

PV rated 270Watt, 32Volt or less.  
Securely mounted on roof or poles facing South at around 35 degree angle.  
Fenced & protected from animals.



**BASIC EQUIPMENT NEEDED**

- One 250 watt solar panel.....\$130
- MC4 30 foot cable.....\$30  
*Connects the outside panel to inside equipment*
- "Midnight" BBE CB box.....\$30  
*Where MC4 attaches inside hogan*
- 15 AMP DC Circuit breaker...\$20  
*Circuit breaker switch to turn off PV power*
- Blue SkyBoost Controller...\$190  
*The 'brains': protects batteries from overcharging or being too rundown*
- One 110 AH AGM battery....\$140  
*12 volt sealed deep cycle battery that needs no water added*
- Battery switch.....\$5  
*Turns off power from battery*
- 12 volt outlet & box.....\$10  
*Where 12 volt appliances plug in*

- Fuse holder & connectors.....\$5  
*Protects battery from overheating*
- Wiring & connectors.....\$15  
*Different power flows require different sized wires*
- AC/DC multimeter.....\$5  
*Checks volts & amps for fixing any problems*
- Total.....\$580**

**HERE ARE JUST SOME 12 VOLT DC APPLIANCES THAT YOU CAN RUN ON THIS SYSTEM**

- "Astra Depot" Outlet.....\$15
- "Bayite" DC display.....\$20
- "Kocome" LED Light W/Plug.\$10
- 3-Socket Car Charger.....\$20
- 12 foot Extension cord.....\$10
- "Maha" Battery charger.....\$20
- "Axess" 24-inch TV/DVD.....\$195
- "Roadpro" Coffee maker.....\$40
- "Max Burton" Pot-Popper.....\$30
- "Eagle Aspen" UHF Antenna.\$30
- "Besttek" 300 watt inverter...\$35
- "Roadpro" Slow Cooker.....\$40
- Camp Lantern.....\$25

**THIS IS THE SIMPLEST LEAST EXPENSIVE SYSTEM GALLUP SOLAR COULD COME UP WITH.**

**IT IS PERFECT FOR A SMALL HOGAN OR TRAILER OR AS A STARTER SYSTEM FOR BECOMING FAMILIAR WITH THE MIRACLE OF SOLAR ELECTRICITY.**

*Cash, MO or Bank Check Only  
Payable to: Gallup Solar. NOTE:  
These are prices as of 2/1/17.  
They can change with each order.*