



1. Glass fuse Panel: power for (ammeters#4,#5) and voltmeter (#2)
2. Voltmeter: Indicates voltage condition of system (DC volts)
3. Temperature in this enclosure (in degrees Fahrenheit)
4. Digital Load Ammeter: Shows the amount of electricity (amps) that the load (cameras, lights, etc) is drawing from the batteries minus the solar energy (#6). **NO DECIMALS ON THIS METER.**
5. Main 125 amp Breaker for Inverter
6. Digital Wind Ammeter: Shows the amount of electricity (amps) that the wind turbine (source) is producing for the batteries. **NO DECIMAL PLACE ON THIS METER.**
7. Digital Solar Ammeter: Shows the amount of electricity (amps) that the solar panels (source) are producing for the batteries. **ONE DECIMAL PLACE ON THIS METER.**
8. Solar Controller: Charges the batteries as needed. The little let red, when solid indicates bulk charge. Blinking red light indicates floating/maintenance charge.
9. Wind Energy Breaker (30amp)
10. Solar Energy Breaker: protects output from solar controller to batteries (63amp)
11. Solar Energy Breaker: protects input from solar panels to solar controller (63amp)
12. Temperature in the adjacent battery enclosure (in degrees Fahrenheit)
13. Exeltech Inverter for 24vDC - 110vAC (used to power cameras, transmitters, etc.)
14. Converter for 24vDC - 48vDC (used to power underwater lights)
15. Analog Wind Energy Ammeter (backup)
16. Panel of breakers for underwater lights (30amp) and auxiliary glass fuse pane (30amp)