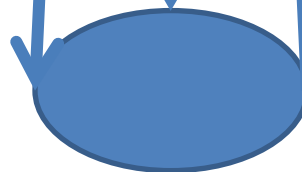
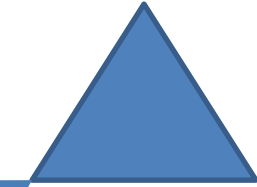


Monocrystalline Solar Panel
(100W, 18.5V, 5.42A, Grape Solar)

Battery (Non-spilable SLA, 12V, 35AH,
Universal Battery UB12350)

Inverter (12V to 120V, 400W,
Cobra CPI 480)



From Panel – Approx 20' 10AWG
UL 4703 Wire with MC4 Connectors
on Panel Side and Stripped on
Breaker Side.

All Other – 10AWG Industrial
Wire Stripped on All Ends

Breaker Box with Three Breakers on
Separate Lines
(??A, ??V, ?? Make & Model)

Question 1: Overall setup suggestions?

Question 2: What rating breakers are
needed with this setup?

Question 3: Where should this system
be grounded?

PWM Solar Charge Controller (12V/24V, 10A, 150W, HQRP)