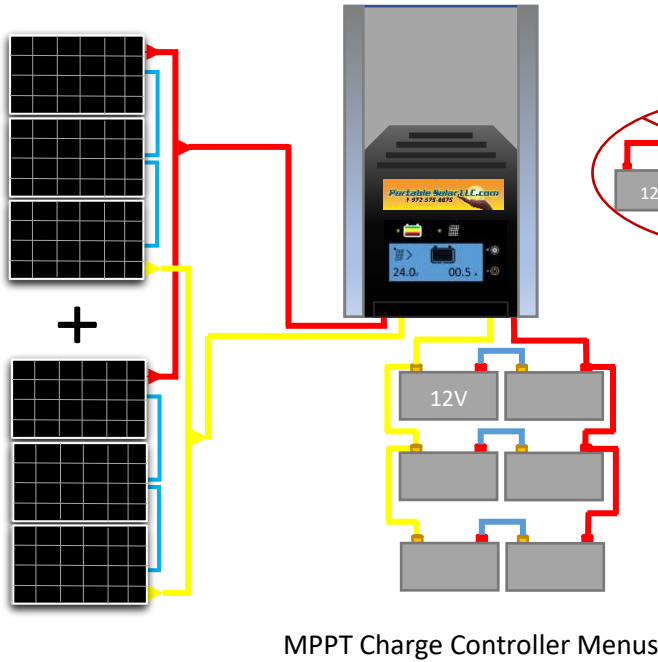
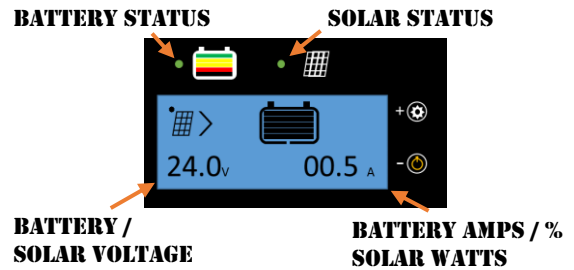


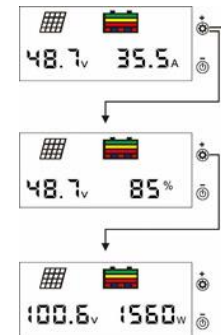
2500W Solar Generator



| STATUS LEDs | |
|----------------|--------------------|
| Solid Green | Normal |
| Flashing Green | Panels Over 150v |
| Solid Orange | Battery Low |
| Solid Red | Battery Discharged |
| Flashing Red | Short Circuit |



| | |
|---------------------|--|
| Battery Voltage | Current into Batteries from Solar Panels |
| Battery Voltage | Battery % Full level Approximation |
| Solar Panel Voltage | Solar Panel Power Production |



Caution / Helpful hints

- **Electronics = Always Keep dry!!!** Recommend garage, extremely well covered patio, or house.
- **PV Wire DANGER!** Up to 150V 16A from PV panels. PV wire misuse can result in **FIRE** or **DEATH** by **ELECTRIC SHOCK!** Protect PV wire from damage.
 - Turn off Solar System, and then disconnect wire with MC4 tool to rewire panels.
- Power down Master OFF/ON before disconnecting solar panels. OK if inverter stays on or off.
 - At night time, there is an extra menu at night you can ignore.
- Inverter Alarms
 - LED = Red (warning or fault below. If permanent fault, suggest shutdown)
 - Battery Low Voltage Warning = "beep ---- beep" Will keep running until under voltage protection shut down.
 - Overload Protection Shutdown = "beep-beep ---- beep-beep" Too much continuous power draw. Must restart manually.
 - Battery under/over voltage Warning/Shutdown = "beep-beep-beep ---- beep-beep-beep" Auto-restart after 30s. Shutdown if persists.
 - Overheat Protection Shutdown = "beep-beep-beep-beep ---- beep-beep-beep-beep" Circuits >185F. Must restart manually.
 - Short-circuit Protection Shutdown = "beep-beep-beep-beep-beep ---- beep-beep-beep-beep-beep" Too much peak power draw. Restart manually.