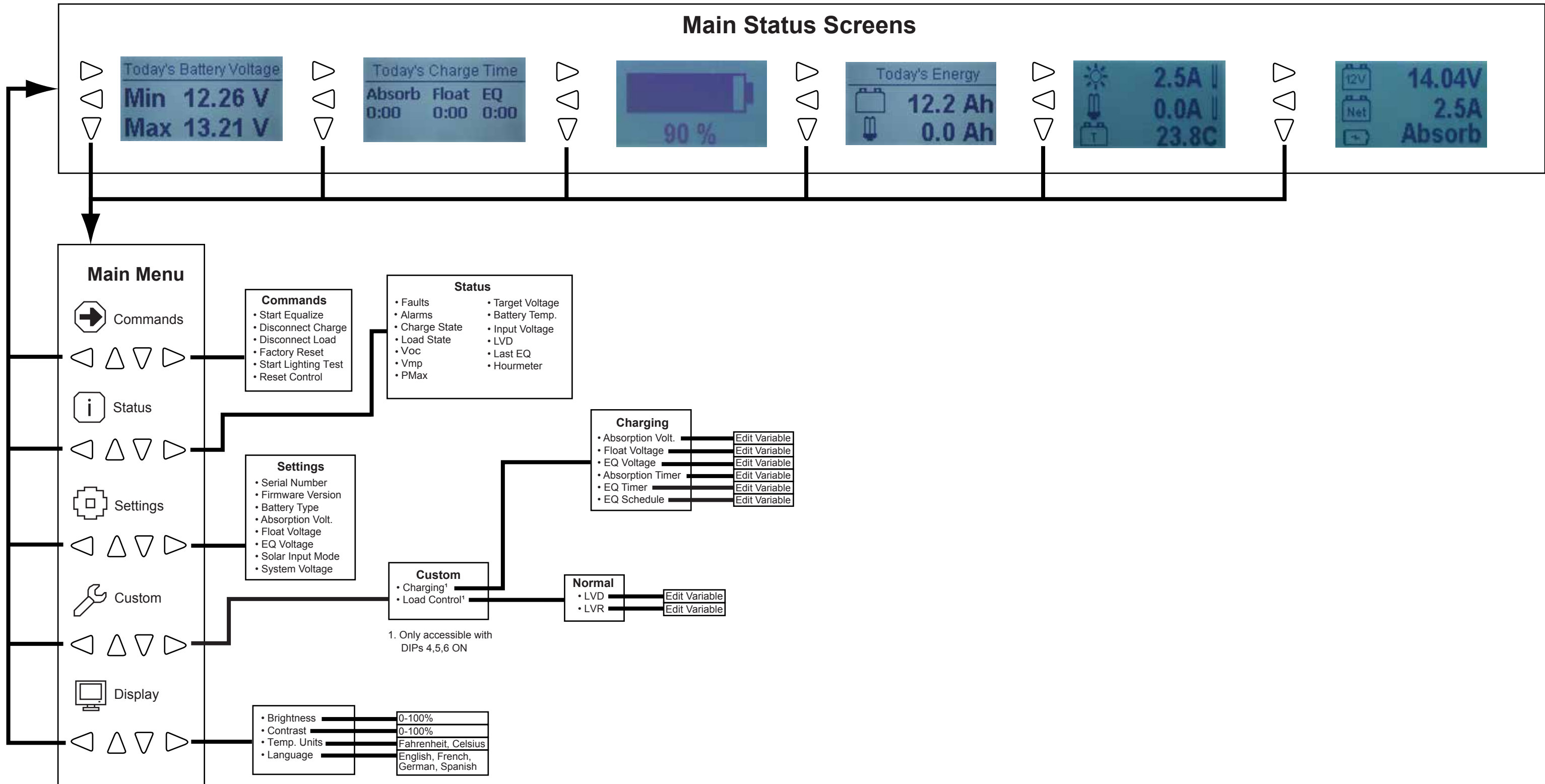
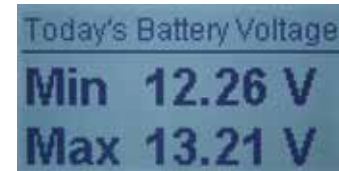


EcoBoost MPPT Meter Map

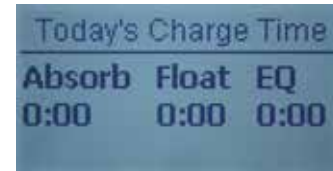


Main Status Screens / Icons



Min: Minimum battery voltage recorded today

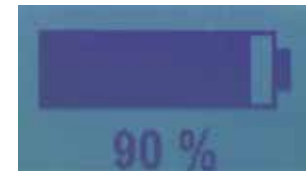
Max: Maximum battery voltage recorded today



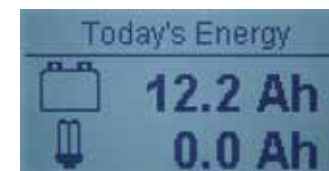
Absorb: Cumulative time spent in the Absorption stage during today's charge cycle

Float: Cumulative time spent in the float stage during today's charge cycle

EQ: Cumulative time spent in the Equalization stage during today's charge cycle



State-of-Charge Icon: Real-time battery state-of-charge indication. Quality of estimate varies depending on battery health. Shown in 10% increments.



Battery Icon: Cumulative Amp-Hours delivered to the battery during today's charge cycle

Load Icon: Cumulative Amp-Hours delivered to the Load today

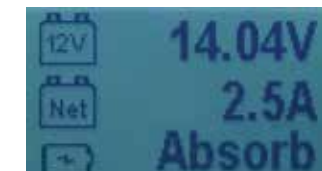


Sun Icon: Real-time Battery/Load Current

Moon Icon: Night state (no array voltage)

Load Icon: Real-time load current draw (Will display 'LVD' for Low Voltage Disconnect and 'LVDW' for Low Voltage Disconnect imminent Warning)

T Battery Icon: Real-time Battery temperature as measured by the Remote Temperature Sensor (if no RTS present, displays local temperature)

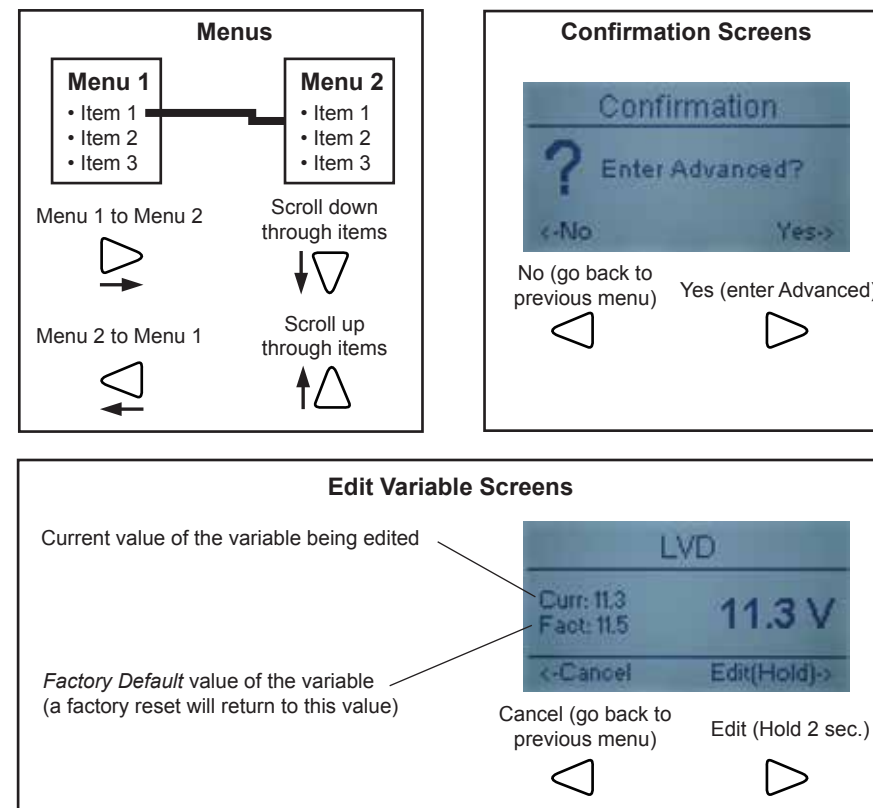


Battery Icon: Real-time battery voltage

Net Icon: Real-time Net current into or out of the battery

Charge Icon: Real-time Charging Stage

How to Navigate



Faults and Alarms

- Array Faults**
- *Output Overcurrent*
 - *FET Short:* Possible power MOSFET damage
 - *Software:* Software fault
 - *Batt HVD:* Battery Voltage exceeded High Voltage Disconnect threshold
 - *Array HVD:* Array Voltage exceeded
 - *Settings:* Custom settings change
 - *Batt TS Short:* Remote Temperature Sensor shorted
 - *Batt TS Discon:* Remote Temperature Sensor disconnected
 - *THS Failed:* Heatsink Temperature Sensor failure
 - *Batt LVD:* Battery Voltage too low for charging
- Load Faults**
- *Ext Short:* Wiring error
 - *Overcurrent:* Load draw exceeded current rating
 - *FET Short:* Possible power MOSFET damage
 - *Software:* Software fault
 - *HVD:* Battery Voltage exceeded Load High Voltage Disconnect threshold
 - *HS Overtemp:* Heatsink temperature too hot
 - *DIP switch:* DIP switch settings changed
 - *Settings:* Custom settings change
- Alarms**
- *Batt TS Open:* Remote Temperature Sensor open
 - *Batt TS Short:* Remote Temperature Sensor shorted
 - *Batt TS Discon:* Remote Temperature Sensor disconnected
 - *THS Open:* Heatsink temperature failure
 - *THS Short:* Heatsink temperature failure
 - *THS Hot:* Heatsink temperature too hot
 - *TIND Open:* Inductor temperature sensor open
 - *TIND Short:* Inductor temperature sensor shorted
 - *TIND Hot:* Inductor temperature too hot
 - *Current Limit:* Battery charge current limit
 - *Current Offset:* Current measurement error
 - *Uncalibrated:* Voltage and/or Current measurement uncalibrated
 - *TB5v:* 5V supply out of range
 - *FP10:* Floating 10V supply out of range
 - *Miswire:* External wiring error
 - *FET Open:* Possible power MOSFET damage
 - *Ia offset:* Current measurement error
 - *Il offset:* Current measurement error
 - *P3:* 3V supply out of range
 - *P12:* 12V supply out of range
 - *High VA:* Array Voltage too high
 - *Reset:* Controller was reset
 - *LVD:* Low Voltage Disconnect
 - *Log Timeout:* Log entry write timeout