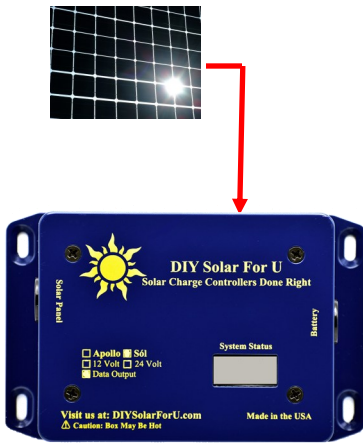


Sól 48 Volt MPPT 12 Amp Max **Buck-Boost** 800 Watts STC Solar Charge Controller

Get Every Last Watt of Power



SLA, AGM, Deep Cycle 48 volts or LiFePO₄ 16 Cell Batteries

- Works with panels from 100 to 800 + watts STC rating
- Highest power conversion efficiency over 99%
- Up to 2x MORE power than “PWM” controllers
- FAST Maximum Power Point Tracking (MPPT) 99.9%
- Works with 48 volt SLA, AGM, and 16 cell LFP Batteries
- Radio friendly low RFI & – operates from – 40 to 122F
- Very low night battery drain 0.0015 amps @ 54 volts
- Optimum power with 40 to 45 volt MPP solar panel
- Fully automatic operation with no adjustments required
- **5 Year Limited Warranty — Made in USA**

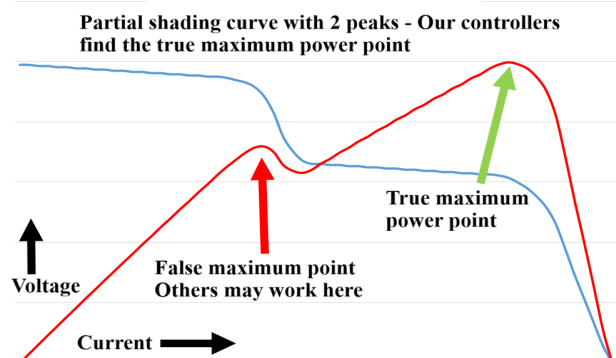
Product Specifications Version 5.xx

- Top charge voltage 57.6 Volts
- Restart charge at 54 Volts
- Minimum startup 16 Volts
- Maximum current 14 Amps in, 12 out
- Maximum input 60 Volts (VOC 54V)
- Operating range - 40°F to 140°F
- Thermal shutdown 170° F internal temp
- Thermal limiting 165° F internal temp
- Spread spectrum EMI / RFI reduction
- MPPT range 12.5 - 59 Volts
- Night battery draw 0.0015 amps @ 54V
- Up to 800 watt STC solar panel rating
- Large terminal block connections
- 32 MHz CPU for optimal power control
- Short circuit, reverse polarity, and thermal overload protected
- Designed and Made in USA
- 5.8 x 3.7 x 1.6 inches and 1 pound weight

LCD Scrolling Display Information

<code>b a t</code> Battery voltage	<code>P - P</code> Peak power in watts
<code>P A N</code>	<code>A - H</code> Amp hours today
<code>A</code> Output amps Panel voltage	<code>b - t</code> Board temperature (F)
<code>Q u t</code> Output watts	<code>b 4 8</code> Battery detect

Past 7 days Amp-hours and MAX power displayed at night



Global MPPT Operation

Contact us at: DIYSolarForU@gmail.com
www.DIYSolarForU.com

