

# SOLAR BOOST™ 6024H

MAXIMUM POWER POINT TRACKING PHOTOVOLTAIC CHARGE CONTROLLER



## • The Ultimate Photovoltaic Charge Controller... Increases Charge Current Up To 30% Or More!

Patented Maximum Power Point Tracking (MPPT) technology allows Solar Boost 6024H to increase charge current up to 30% or more compared to conventional charge controllers. Don't waste money by throwing PV power away! Get the power you paid for with a Solar Boost charge controller.

Solar Boost 6024H is specially designed to receive a high voltage 36V or 48V PV array input, and charge a 12V or 24V battery at up to 60A. A high efficiency DC-DC voltage converter combined with MPPT technology allows Solar Boost 6024H to provide a cost effective solution for installations where the PV array must be located far from the batteries and charge controller. High voltage input reduces both wiring expense and wiring power loss.

Solar Boost 6024H also provides an advanced fully automatic three stage charge control system to ensure the battery is properly and fully charged, resulting in enhanced battery performance with less battery maintenance. An equalize function is also included to periodically condition liquid electrolyte lead-acid batteries.

An optional user friendly digital display is available to monitor PV charge performance. Optional temperature compensation of charge voltage is also available to further improve charge control and battery performance.

### Contact us today for more information

Visit our web site: [www.blueskyenergyinc.com](http://www.blueskyenergyinc.com)

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## Get Improved Performance From Your PV Modules And Batteries

- Patented MPPT technology increases charge current up to 30% or more!
- Special high voltage input design accepts 36V or 48V solar module arrays
- Charges 12V or 24V batteries at up to 60A output charge current
- Three stage PWM charge control optimizes charge parameters to battery size & type
- Electronic current limit prevents overload or nuisance fuse blow
- Available digital display monitors PV charge performance
- Durable powder coat finish & conformal coated electronics resist corrosion
- Fully protected against excess current, temperature, transient voltage & polarity
- Full 36 month limited warranty, optional extended coverage available
- ETL listed to UL STD. 1741, certified to CAN/CSA STD. E335-1/2E, CE labeled

**Blue Sky**  
ENERGY

Manufactured by Blue Sky Energy Inc.  
and offered by a large network of quality  
distributors and dealers. Call us today  
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Covered under one  
or more of the following  
US Patents 6,111,391 • 6,204,645

