



# SOLAR BOOST™ 2000E

12 VOLT 25 AMP MAXIMUM POWER POINT TRACKING PV CHARGE CONTROLLER



## LOOKING FOR ELECTRICAL INDEPENDENCE?

## GET MORE FROM YOUR SOLAR PANELS AND BATTERIES WITH SOLAR BOOST 2000E

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

Solar Boost 2000E is a fully automatic 12 volt 25 amp Maximum Power Point Tracking (MPPT) photovoltaic charge controller. Patented\* MPPT technology allows Solar Boost 2000E to increase charge current up to 30% or more compared to conventional charge controllers. Controllers without MPPT technology simply can't deliver the charge current provided by Solar Boost 2000E. Don't waste your money by throwing solar power away! Get the power you paid for with a Solar Boost 2000E MPPT charge controller.

Solar Boost 2000E does much more than increase charge current. It offers series pass Pulse Width Modulation (PWM) charge voltage control using highly efficient and reliable power MOSFET transistors. Multi-stage PWM charge control leads to improved battery performance, with longer battery life and less maintenance. An electronic current limit feature prevents output current from exceeding 25 amps. Current limit eliminates worry about overload or nuisance fuse blow when solar power production is unexpectedly high. A manual equalize function is also provided to periodically condition liquid electrolyte lead-acid batteries. Optional temperature compensation of charge voltage is also available to further improve charge control and battery performance.

A built in digital display monitors solar charge performance. The display shows battery voltage, solar panel current and output charge current. You can actually see current boost working by noting the difference between solar panel current and output charge current. A charge status LED indicates the present charge mode, and shows when the battery has become fully charged.

- Patented MPPT Technology Increases Charge Current Up To 30% Or More!
- Charge Current Increase Can Save Money By Requiring Fewer Solar Panels
- 25 Amp Current Capability Supports large Solar Panel Arrays
- Multi-stage PWM Charge Control Improves Battery Performance and Life
- Fully Automatic Electronic Current Limit Prevents Overload
- Equalize Function Keeps Lead-Acid Batteries Operating At Their Peak
- Available Temperature Compensation Further Improves Battery Performance
- Durable Powder Coat Finish & Conformal Coated Electronics Resist Corrosion
- Full 36 Month Limited Warranty



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\*US Patent 6,111,391 • Other patents pending

