

## PROSTAR ADVANTAGES

**Highest Reliability** – It is almost impossible to “kill” the ProStar due to large design margins and electronic protections.

- No need to derate...use up to full “nameplate” ratings
- Rated for operating temperatures from -30°C to +60°C
- Short-circuit, overload and reverse polarity protected...with automatic electronic recovery

More Information – **The LED’s indicate various battery and system status. The meter option now displays extensive data:**

- Accurate readings of PV current, load current, and system voltage
- Temperature
- LVD and other disconnect conditions
- Self-test mode which displays 9 different controller status parameters and any detected faults (makes it very easy to troubleshoot)

**Longer Battery Life** – The ProStar’s constant voltage PWM regulation now uses 4 stages of charging including boost charging. Battery type selections are made via rotary switch and include gel, sealed or flooded.

**Tropicalization** – All ProStars now include conformal coating, stainless-steel screws and an anodized aluminum heat sink (protection for marine and jungle environments).

**48V and Positive Ground** – New versions of the ProStar also include 15A at 48V (negative and positive ground) and a 30A at 12/24V for positive grounded systems.

**Low Telecom Noise** – The new ProStar has been designed for reduced interference during PWM regulation. The regulation frequency may be further reduced in the field.

**Remote Temperature Probe** – The ProStar now has an optional remote temperature probe for sites where the controller and battery experience different temperatures.