



ProStar Controller

## Morningstar

### ProStar Controller

The ProStar features highly accurate set points, low voltage drops, and sealed & flooded control parameters. Self-diagnostic testing provides assurance the controller is working correctly or indicates a fault is present. The self-diagnostics plus the currents displayed in the digital meter will provide a comprehensive test of the controller. The ProStar's constant voltage PWM regulation uses 4 stages of charging including boost charging. Battery type selections are made via rotary switch and include gel, sealed or flooded. ProStar provides higher charging efficiency, increases the battery capacity, reduces water loss, and extends the life of the battery. Five-year limited warranty.

#### Features:

- Low voltage disconnect
- Operating temperatures of -40°C to +85°C
- PWM battery charging
- Automatic equalization of wet batteries
- PG models are positive ground
- Temperature compensation

Model/Description	Voltage	Rated PV Current	Rated Load Current	Dimensions	Unit Weight (oz.)	MSRP
PS 15	12/24V	15 amps	15 amps	6.01" x 4.14"	12	\$112.00
PS 15M (w/meter)	12/24V	15 amps	15 amps	6.01" x 4.14"	12	\$179.00
PS 15M-48V	48V	15 amps	15 amps	6.01" x 4.14"	12	\$222.00
PS 15M-48V-PG	48V	15 amps	15 amps	6.01" x 4.14"	12	\$239.00
PS 30	12/24V	30 amps	30 amps	6.01" x 4.14"	12	\$152.00
PS 30M	12/24V	30 amps	30 amps	6.01" x 4.14"	12	\$219.00
PS 30M-PG	12/24V	30 amps	30 amps	6.01" x 4.14"	12	\$236.00

#### Accessories:

Remote Temperature Sensor

The temperature sensor provides accurate battery charging where the controller and the battery experience different ambient temperatures. For maximum environmental protection, the sensor is encapsulated in epoxy inside a stainless steel housing. The RTP is easily installed by soldering 2 wires to the circuit board. Corrects for temperatures from -30°C (-22°F) to +80°C (+176°F). Five-year warranty. 25 ft cable

\$32.00



SunSaver

### Morningstar - SunSaver

SunSaver's battery charging design closely copies the ProStar's advanced charging algorithm. The series PWM algorithm is very stable, yet responds instantly to changing conditions. The constant voltage PWM charging is a proven advancement compared to the common on/off PV regulators. Five-year limited warranty. L models include Low Voltage Disconnect.

#### Features:

- True 0-100% PWM duty cycle
- Field selectable for sealed or flooded battery
- Temperature compensation
- Series design for constant voltage charging
- Pulse charging
- Approved for use in hazardous (Class 1, Div 2, groups A,B,C,D) locations
- UL1604 listed and CSA 22.2 (Canada)
- Operating temperatures of -40°C to +85°C

Model/Description	Voltage	Rated PV Current	Rated Load Current	Dimensions	Unit Weight (oz.)	MSRP
SS6-12	12V	6.5 amps	N/A	6.0" x 2.2"	8	\$48.00
SS6L-12	12V	6.5 amps	6.0 amps	6.0" x 2.2"	8	\$59.00
SS10-12	12V	10 amps	N/A	6.0" x 2.2"	8	\$55.00
SS10L-12	12V	10 amps	10 amps	6.0" x 2.2"	8	\$70.00
SS10L-24	24V	10 amps	10 amps	6.0" x 2.2"	8	\$76.00
SS20L-12	12V	20 amps	20 amps	6.0" x 2.2"	8	\$95.00
SS20L-24	24V	20 amps	20 amps	6.0" x 2.2"	8	\$101.00