

ProStar 15M Solar Charge Controller with Meter



Price: CAD \$259.00

SKU: MSPROSTAR15-M

Product Categories: [Charge Controllers](#), [Discontinued](#), [Shop](#)

Product Tags: [canada](#), [charge](#), [charger](#), [controller](#), [meter](#), [morningstar](#), [ProStar 15](#), [ps-15m](#), [ps15m](#), [regulator](#), [solar](#), [solar charge controller](#)

Product Page:

<https://www.modernoutpost.com/product/prostar-15m-solar-charge-controller/>

Product Summary

The Morningstar ProStar-15M. The world's leading mid-range solar array charge controller for professional & household applications. The ProStar 15 provides 3-stage charging, plus equalization mode, to provide increased battery capacity and life. Simple to install, and simple to use, with an exceptionally long service life.

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This model includes the optional LCD meter display.

Prostar 15M Key Features and Benefits

Estimated 15 year life

PWM series battery charging (not shunt)

3-position battery select: gel, sealed or flooded

Very accurate control and measurement

Jumper to eliminate telecom noise

Parallel for up to 300 amps

Temperature compensated charging

Tropicalization

No switching or measurement in the grounded leg

100% solid state

Very low voltage drops

Current compensated low voltage disconnect (LVD)

LED's to indicate battery status and faults

Capable of 25% overloads

Remote battery voltage sense terminals

Electronic Protections:

- Short-circuit — solar and load
- Overload — solar and load
- Reverse polarity
- Reverse current at night
- High voltage disconnect
- High temperature disconnect
- Lightning and transient surge protection
- Loads protected from voltage spikes
- Automatic recovery with all protections

Electrical Specifications:

Temp. Comp. (mV/°C)* - 30mV (12V), - 60mV (24V), - 120mV (48V)

Accuracy 40mV (12V), 60mV (24V), 80mV (48V)

Min. Voltage to Operate 8V (12V), 8V (24V), 15V (48V)

Self-consumption 22mA (12V), 25mA (24V), 28mA (48V)

Lvd Current Coefficient** - 20mV (12V), - 40mV (24V), - 80mV (48V)

Charge Algorithm PWM, constant voltage

Operating Temperature - 40°C to + 60°C

Digital Display: Operating Temp. - 30°C to + 85°C

Voltage Accuracy 0.5%

Current Accuracy 2.0%

Quiescent-Consumption 1 mA

Product Attributes

- Dimensions: N/A
- Weight: 0.7 kg