

EIGHT REASONS TO CHOOSE THE SunSaver 20 Amp Solar Controller

REASON # 1: Lowest Cost

The SunSaver-20 is the lowest cost solution to your system's needs.

- Costs 15% to 60% less than other leading solar controllers
- Puts 20% to 40% more solar energy into the battery than on-off regulators
- Significantly extends battery lifetimes
- Dramatically fewer system problems and failures

REASON # 2: Quality

The quality of the SunSaver-20 is unmatched in the industry.

- Manufactured on fully automatic state-of-the-art equipment
- Made in an ISO 9002 certified factory
- Computer-based Quality Assurance testing and inspections
- Every SunSaver is exactly the same (you never get a "lemon")

REASON # 3: Reliability

Five-year failure rates are less than 1 per 1,000 SunSavers.

- All solid state premium components
- Can operate 25% overloaded without problem
- Tested and rated for ambient temperatures from -40°C to over +60°C
- Series design (not a shunt controller)
- Silicon surge suppressors to prevent lightning damage

REASON # 4: User Features

The SunSaver was designed for the end-user.

- Simple and rugged design, easy to install
- Automatic load disconnect (LVD) to protect battery from overdischarge
- LED indicators for charging and load disconnect
- Simple battery type selection at the terminal
- Each terminal accepts two #10 AWG or 6 mm² wires
- Self-consumption as low as 6 mA
- Can easily parallel 2 or more SunSavers for added power

REASON # 5: Long Service Life

Designed for a 15-year life, the SunSaver-20 should easily exceed this.

- High design margins protect components from damaging stress
- Circuit encapsulated in epoxy and isolated from the environment
- Aluminum case is anodized, screws are stainless steel
- Terminal block is marine rated with copper plated brass terminals

REASON # 6: Most Effective Battery Charging

Morningstar's patented charging algorithm increases system storage capacity and extends battery life.

- PWM constant voltage battery charging
- Maintains highest average battery storage levels
- Ability to recover lost battery capacity
- Highest battery charge acceptance
- Automatically adjusts for battery aging
- Temperature compensated

REASON # 7: Backed by Morningstar

Morningstar has earned a solid reputation for service and customer satisfaction.

- Full five-year warranty on all Morningstar products
- Products typically ship from stock
- Distribution in over 50 countries
- Best technical support in the industry
- Informative Website: www.morningstarcorp.com
- Systems experience in photovoltaics going back to 1980

REASON # 8: Customers LOVE the SunSaver!!

We get many great stories about our products.

For example, in 1998 a rowboat using solar power was crossing the Atlantic Ocean when Hurricane Danielle capsized the boat. Although the crew was rescued, the boat could not be recovered for 3 months. The SunSaver charge controller was found still on the boat and still working (although covered in salt deposits and barnacles).



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