Morningstar’s SunSaver is the world’s leading small solar controller for both professional and consumer applications.

SunSaver’s technology provides:
- Exceptional Reliability
- PWM Battery Charging
- Consistent High Quality

The SunSaver’s advanced design delivers outstanding performance and value. The SunSaver’s low cost is made possible by Morningstar’s unique approach to design and manufacturing:
- Automated production
- ISO 9002 quality programs
- Latest power electronic technologies
- Latest control and logic technologies
- High volume manufacturing

Features:
- Eight versions available (see back)
  - 12 and 24 volts
  - 6, 10 and 20 amps
- 100% solid state
- Series design (not shunt)
- True 0 to 100% PWM duty cycle
- Setpoint accuracy to 35 mV
- Rated for 25% overloads
- Fully encapsulated in epoxy potting
- Marine rated terminals / anodized case
- Temperature compensation
- Sealed / Flooded battery select
- No need to derate
- Parallel for 40 amps or more
- Green charging / Red LVD indicators
**SunSaver Model Selection Chart**

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>SOLAR RATING (Amps)</th>
<th>LOAD RATING (Amps)</th>
<th>LVD 12V</th>
<th>24V</th>
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</tbody>
</table>

**Mechanical Specifications**
- Wire size #10 AWG (5.2 mm²)
- Anodized aluminum case
- Marine rated terminals
- Epoxy encapsulated
- Weight is 8 oz (0.23 kg)

**Electrical Specifications**
- Rated Solar Input: 6.5/10/20 A
- Rated Load: 6/10/20 A
- 25% Current Overload: 5 min. 5 min.
- Regulation Voltage:
  - Sealed Battery: 14.1 V 28.2 V
  - Flooded Battery: 14.4 V 28.8 V
  - Load Disconnect: 11.5 V 23.0 V
  - LVD Reconnect: 12.6 V 25.2 V
  - Temp. Comp. (mV/°C): -28 -56
- Self-consumption: 6 to 10 mA
- Operating Temp.: -40 to +85°C

**WARRANTY:** Five year warranty period. Contact Morningstar or your authorized distributor for complete terms.

**AUTHORIZED MORNINGSTAR DISTRIBUTOR:**

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