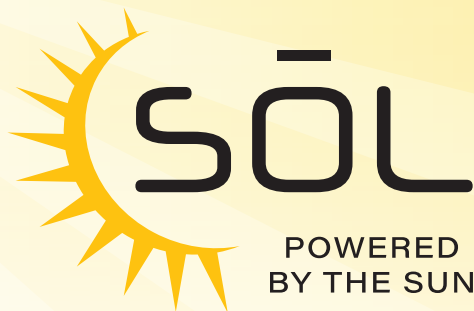


30 Amp Solar Charge Controller

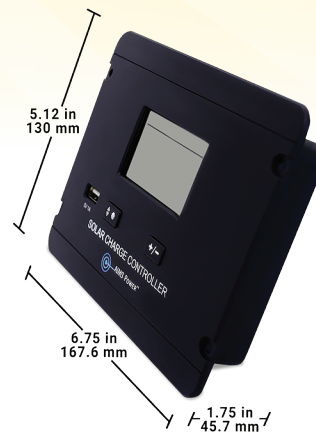


The AIMS Power solar charge controller manages the power passing into the battery bank. Once your system is set up, this device guards against battery depletion and provides efficient battery charging using solar panels.

FEATURES

- Conformal coated to handle water exposure in marine environments
- LCD screen clearly displays key information for battery voltage, solar panel voltage, and solar panel charging current
- Equipped with many safety features

55Voc max
12V – 450 Watts
24V – 900 watts
Maximum battery current: 30 amps
Max PV open circuit voltage: 55V
Self power consumption: <2 watt
Efficiency: 97%
3 Stage charging: boost, float and equalize
Bulk charge voltage: sealed 14.4V, AGM/Gel 14.2V, flooded 14.6V, user defined 10-15V
Float charge voltage: sealed/AGM/Gel 13.8V, flooded 13.8V, user defined 10-15V
Equalize charge voltage: sealed 14.6V, AGM/Gel NA, flooded 14.8V, user defined 10-15V
Low voltage reconnection: 12.6V
Low voltage disconnect voltage: 11.1V (10.5-12.5V adjustable)
Optimal cooling case design
Enclosure: IP32
Cooling: heatsink
Humidity: 100% non-condensing
Temperature compensation: -5mV°C
Temperature range: -35°C to 45°C or -31°F to 113°F
Conformal coated for marine environments
Unit weight: .75 lb



PROTECTIONS

- Overload
- Auto Detect
- Short Circuit
- Low Voltage
- High Voltage
- High Temperature

