

# SunWorks

## Charge Controllers for Leisure Solar Systems



Solar Power is a natural and very effective way of recharging mobile leisure batteries, but care must be taken to ensure that overcharging does not take place. Overcharging will in time damage your batteries. A Sunworks Charge Controller will prevent overcharging and so prolong the life of the batteries.

Sunworks charge controllers are very easy to install and completely automatic. There are no user controls and no setting up procedure making all models simple to use.

Simply connect between your Solar Panels and Batteries. Wiring can be hidden behind the controller if required.

Our technology ensures that there is very little electrical loss in the controller so no heat is generated within the unit. Thus, unlike virtually every other charge regulator on the market, there is no fire hazard.

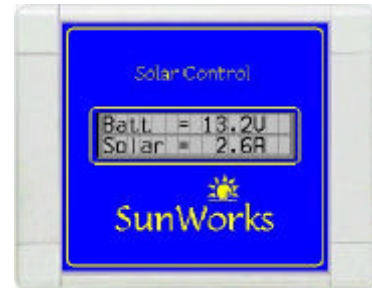
SunWorks Charge Controllers are also a great way to keep track of the performance of the solar/battery system. As well as regulating the charge, some models display battery voltage and solar current so that the user can see at a glance how the system is performing. There are also models especially designed for dual battery systems.

The SunWorks DB control system uses solar current very efficiently to charge dual battery systems. The solar array is connected to each of the batteries in turn, priority being given to Battery 1. Once Battery 1 is charged the current is switched to Battery 2. This means that your most important battery is always given priority

SB0: Our most economical charge controller.  
 Good performance for single battery systems.  
 For solar panels up to 5.5 amps.



SB1, SB2: Performance charge controllers for single battery installations.  
 Handles solar panels up to 15 amps.  
 Displays solar current and battery voltage.  
 Monitor your solar installation.



DB1, DB2: Complete charge controllers for dual battery systems.  
 Prioritise your batteries to ensure your most important battery is charged first.  
 For solar panels up to 15 amps.



MODEL	SB0	SB1	SB2	DB1	DB2	
Solar Current	5.5	9	15	9	15	Amps max
Solar Panel	95	155	250	155	250	Watts max
Dimensions	90x55x40	110x85x35				mm
Indicator	LED	32 Character LCD				
Consumption	1.5	6.5				mA

SunWorks - the Solution for Mobile Solar Energy systems.

Blackwater Electronics is a design and manufacture company for bespoke solar energy, industrial and marine electronic systems. We also offer advice on solar equipment, solar panels, and provide help with the design of solar systems for mobile, remote and domestic use. Established in 1990.

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