

### SP-CHR-12V-6.5A

#### 6.5A Solar Charged Controller - 12V DC Charger

Product ID: 222169

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

The purpose of this multifunctional solar charge/discharge controller is to protect the voltage overshoot and discharge. When sunshine is absent, the light intensity decreases. The controller will recognize the starting signal after 6 minutes and the load will start to work according to the set parameter. When there is sunshine, the light intensity rises and the controller recognizes the close signal after 6 minutes and the load will stop working. This unit has a setpoint accuracy of 35mV, a true 0 to 100% PWM duty cycle and is parallel for 40 amps or more. This controller is fully encapsulated in epoxy potting with marine-rated terminals and an anodized case, as well as sealed/flooded battery select, temperature compensation, and green charging/red LVD indicators

**NOTE: When using this smart controller, it is important to note that you must first connect with the battery, then the solar panel.**

Features:

- Dimensions: 2.2" L x 6" W x 1.3" H
- Weight: .9 lbs
- Battery Voltage: 12V DC
- Charge/Discharge Current: 6.5A
- Low failure rate, easy to set up and operate.
- Electronic protection

- Fully Automatic Operation
- Microcontroller digital accuracy
- Double Digital LED Display
- Temperature compensation with external temperature sensor

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## Frequently Asked Questions (FAQ)



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**Export Control Classification Number (ECCN): EAR99**

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)