Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

SPCC-45A-12.48V

45 Amp Charge Controller - 12-48V - PWM - Charge Batteries from Solar Panels

Product ID: 104951

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.

45 Amp Charge Controller - 12-48V - PWM - Charge Batteries from Solar Panels
The Larson Electronics SPCC-45A-12.48V 3-Function Charge Controller provides reliable solar battery charging, load control or diversion regulation. A single controller can operate in one of the three modes at a time. Multiple controllers can be used to provide multiple functions. The control contains has no internal fuses or mechanical parts to reset or change and features electronic fault protection with automatic recovery. Solar overloads up to 130% of rated current and over-temperature conditions will be tapered down instead of disconnecting the power source.

- Solar, Load, or Diversion Current: 45 Amps
- Voltage Range: 12-48V
- Minimum Voltage: 9V
- Maximum Solar Voltage: 125V
- Highest Reliability, More Power
- Handles solar arrays up to 4kW Communications Capability
- RS-232 allows user to connect to a personal computer for custom settings, data logging, and remote monitoring / control
- Fully Adjustable - User has choice of 7 different digital presets with DIP

switch Extensive Electronic Protections
- Fully protected against reverse polarity, short circuit, over-current, high temperature and over-voltage
- Programmable Lighting Control
- Simple Mechanical Interface
- Better Battery Charging
- 3 LED`s to indicate status, faults, and alarms
- Easy to Reset
- Low Telecom Noise Specifications
- Designed for both solar home systems and professional applications
- UL Listed
- Dimensions: 10.3"-L x 2.8"-H x 5.0"-W

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

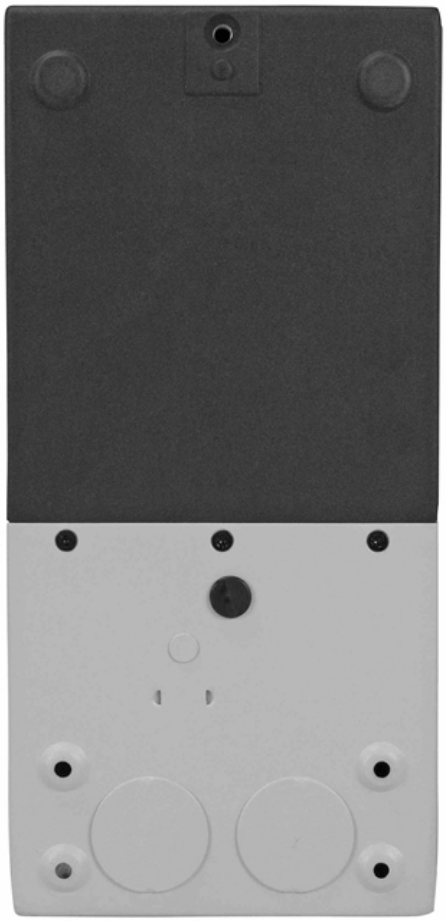
www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364







Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**