

## BATTERY CHARGER 12V AUTOMATIC 1.6 AMP 3 STAGE

### SPECIFICATIONS:

Working Voltage:	175V AC ~ 260V AC 50~60Hz
Maximum Charging Current:	1.6 Amp
Minimum Start Voltage:	Zero Volts DC
Boost and Absorption Voltage:	14.8V DC
Float Voltage:	13.7V DC

Suitable for charging small vehicle batteries up to 250CCA or 40 A/H  
Suitable for maintaining batteries up to 100A/H



Value you can trust

## BATTERY CHARGER 12V AUTOMATIC 1.6 AMP 3 STAGE

### INSTRUCTION MANUAL



Approval No:  
SAA130214EA



Manufactured and packaged for SUPER CHEAP AUTO PTY LTD ABN 64 085 395 124  
751 Gympie Road, Lawnton, Queensland 4501 Australia

## WARRANTY

This product is guaranteed against defects in workmanship and materials for a period of 12 months from date of purchase. This warranty is provided by Super Cheap Auto Pty Ltd ACN 085 395 124 (SCA) of 751 Gympie Rd Lawnton QLD 4501 Ph (07) 3482 7500. SCA will offer a repair, replacement product or store credit if the product is assessed as being defective in workmanship and materials during the warranty period.

To claim under this warranty, take this product to the Front Service Desk of your nearest SCA store. For store locations, visit [www.supercheapauto.com.au](http://www.supercheapauto.com.au) (AUS) or [www.supercheapauto.co.nz](http://www.supercheapauto.co.nz) (NZ). You will need your receipt or proof of purchase. Additional information may be requested of you to process your claim. Should you not be able to provide proof of purchase with a receipt or a bank statement, identification showing your name, address and signature may be required to process your claim.

This product may need to be sent to the manufacturer to assess the defect before determining any claim. Faults or defects caused by product modification, misuse and abuse, normal wear and tear or failure to follow user instructions are not covered under this warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Any expense relating to the return of the product to the store will be at the cost of the customer. For online purchases, where you are unable to reach a local SCA store, SCA will pay the return freight for any product assessed as having a major failure.

The benefits to the consumer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods and services to which this warranty relates.

Congratulations on the purchase of your new SCA12V 1.6A charger. For your personal safety read, understand and follow the information provided in this instruction manual & on the battery charger. Never expose the battery charger to rain, snow, water, fog or high humidity.

### Installation & Safety Precautions:

#### WARNING!

To avoid any personal injury please read the safety instructions below

The battery charger is not intended for use by young children or infirm persons without supervision.

1. During charging process, do not use a naked flame near a battery. Batteries generate explosive gasses during the charging process that may explode.
2. Never smoke or light cigarettes near a battery.
3. Do not place tools on top of battery or allow tools to fall on the battery.
4. Always wear eye protection near a charging battery.
5. Ensure a well ventilated area is used when testing or recharging batteries.
6. Ensure ventilation is adequate and venting holes are not obstructed. Inadequate ventilation may over-heat the unit and cause inefficient operation.
7. The battery charger is not intended for outdoor use. Do not expose it to extreme weather conditions.
8. If skin or clothing comes in contact with acid, flush the areas with water immediately. Seek medical attention if necessary.
9. The battery charger contains hazardous voltages. There are no user serviceable components inside. If the AC supply cord is damaged, in order to avoid a hazard it must be replaced by the manufacturer or service agent or a qualified person.

The SCA 12V 1.6 Amp battery charger is a sophisticated 3 stage charger, utilising switch mode technology, designed to charge 12 volt DC Lead Acid batteries including AGM / GEL and Calcium chemistries.

### BATTERY CHARGER OPERATION

Simply connect the charger output clamps to the battery terminal: Red clamp to battery + (positive), Black clamp to battery - (negative). After connection to the battery has been made, then connect the other end of the charging lead into the receptacle on the side panel of the battery charger. Once the charging lead is connected to both the battery and charger, then plug the power input plug into a suitable 240V power socket and switch on, charging will start automatically.

#### Boost & Absorption stage (Charging indicator on):

The battery charger delivers bulk charging current up to 1.6 Amps into the battery being charged.

#### Float stage (Fully Charged indicator on):

The battery charger output current is reduced. The battery is brought up to 95% recharged state and is constantly maintained at this level.

#### Color LED Condition

Red-----Indicates charger power is ready for charging  
Green--Battery charging in boost & absorption stage  
Orange—Battery charging in float stage

#### FEATURES

- Fully automatic 3 stage charging system
- Short circuit, reverse polarity and overload protection
- Start charge voltage from zero volts
- Micro chip monitoring and software control
- LED charging status indicators
- Suitable for sealed lead acid and Gel batteries
- Perfect for the home handyman