




1. OPERATING INSTRUCTIONS

CAUTION
Wear **SAFETY GLASSES** whenever handling batteries

1.1. Caution

- 1.1.1. Before using the charger, please read all instructions and cautionary markings.
- 1.1.2. The charger must be used in a well ventilated area. It is for indoor use only.

 TELEDYNE BATTERY PRODUCTS <small>A Teledyne Technologies Company</small>	NUMBER O01-1002	REVISION NC	6-16-11	Page 2 of
	TITLE GC-012 OPERATING INSTRUCTIONS			

- 1.1.3. This charger is designed for lead-acid type batteries only.
- 1.1.4. Make sure the charger leads are connected to the correct terminal.
- 1.1.5. When the charger is in use, it will heat up slightly, this is normal.
- 1.1.6. Avoid operating the charger in hot conditions. If needed, provide additional fan cooling.
- 1.1.7. Disconnect the AC power cord when charging is completed

1.2. Instructions

- 1.2.1. Connect the polarized clips to the appropriate battery terminal.
- 1.2.2. Connect the charger to main power, and turn charger on. At this point, the Orange LED light turns on.
- 1.2.3. Charging will be complete when the Green LED turns on.

2. TROUBLESHOOTING

Problem and Symptoms	Possible Reason	Solution
If power LED indicator is off and no output voltage when charger is plugged in	<ul style="list-style-type: none"> 1. No AC input 2. Charger malfunction 	<ul style="list-style-type: none"> 1. Check AC power source 2. Notify charger supplier
If AC power is normal, but charging LED is off when charging	<ul style="list-style-type: none"> 1. The charger connections may be reversed 2. The output connection may be open 3. The fuse socket may be loose 4. Charger malfunction 	<ul style="list-style-type: none"> 1. Check output cable 2. Check output cable 3. Check DC fuse 4. Notify charger supplier
If AC power is normal but charging LED is lit for a long time	<ul style="list-style-type: none"> 1. Battery malfunction 2. Charger malfunction 	<ul style="list-style-type: none"> 1. The battery is not charging normally. Stop charging and replace battery. 2. Notify charger supplier
If the charging indicator turns to fully charged immediately	<ul style="list-style-type: none"> 1. Battery is fully charged 2. Battery malfunction 	Indicates battery is not fully charged – and may be defective. Replace battery

3. SPECIFICATIONS

Input Voltage	100-220V
Input Frequency	50/60Hz
Output Current	5A
Output Equalizer Voltage	14.6VDC ± 0.2V
Output Float Voltage	13.7VDC ± 0.2V
Dimensions (L, W, H, inches)	7.3 x 3.5 x 1.9
Weight	1.8 lb.