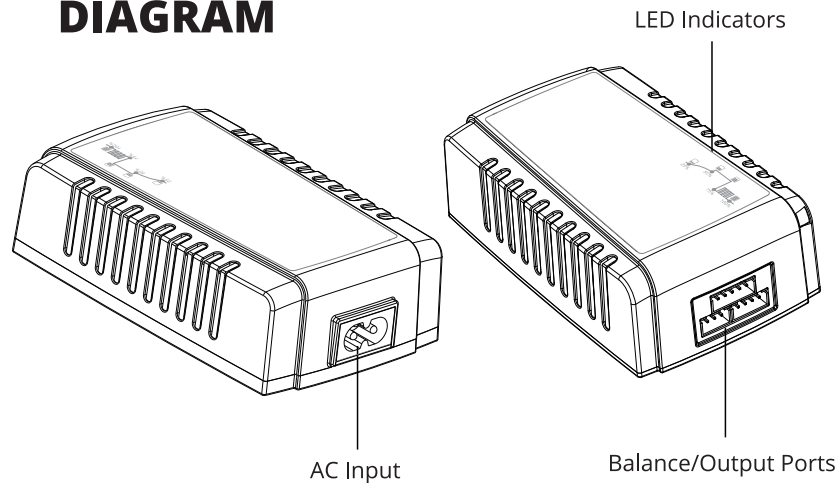


LECTRON PRO™

AC-3A

COMPACT BALANCING CHARGER
Lipo Battery (2S-4S)

DIAGRAM



SPECIFICATIONS

AC Input Voltage	100-240V
Charge Power	35W
Charge Current	3A
Balance Current	400mA
Lipo Battery Cell Count	2S-4S
Indication	LED
Dimension	4.6" L x 2.8" W x 1.6" H
Weight	6 oz

CommonSenseRC.com Toll-Free: 866-405-8811

AC-3A_manual_converted.ai - revised 5-21-18

WARNINGS AND SAFETY NOTES



WARNING! POTENTIAL FIRE HAZARD!
THIS IS NOT A TOY. MINIMUM AGE REQUIREMENT: 14 YEARS

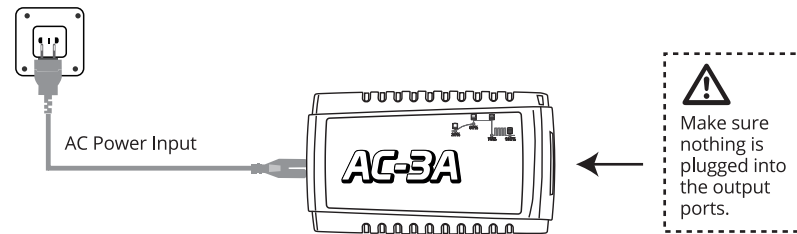


WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before beginning use. Failure to operate the product correctly, to exercise caution while using this product, and to comply with the following warnings can result in damage to the product, personal property, or cause serious injury.

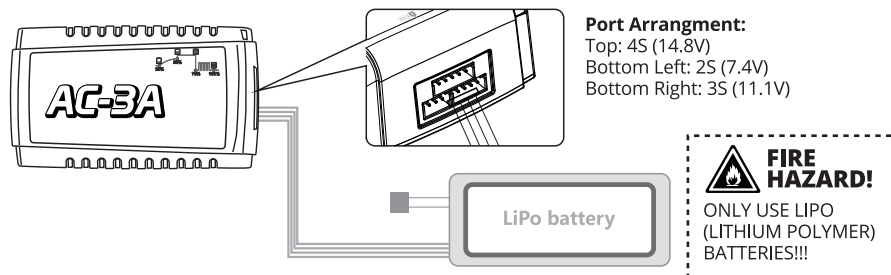
- » Never leave charger or battery unattended during use.
- » Never charge batteries overnight.
- » Always charge batteries on a non-flammable surface and inside a fire-resistant container such as a Common Sense RC Lipo Safe Bag.
- » Never attempt to charge dead or damaged battery packs, or battery packs that have been exposed to moisture.
- » Never attempt to charge a battery that is less than 3000mAh in capacity.
- » Never attempt to charge a battery that has been discharged below 3.0V on any cell.
- » Never attempt to charge a battery pack containing cells of different chemistries.
- » Never charge batteries in extremely hot or cold places or in direct sunlight.
- » Never charge a battery if the leads have been pinched or shorted.
- » Never connect the charger if the power cable has been pinched or shorted.
- » Never attempt to dismantle the charger or use a damaged charger.
- » Always use only rechargeable lipo batteries designed for use with this type of charger.
- » Always inspect the battery before charging to check for damage or swelling
- » Always keep the battery away from any material that could be affected by heat.
- » Always charge batteries at least five feet of any flammable object (e.g. carpet, curtains, furniture, wood, flammable liquids, etc)
- » Always monitor the charging area and have fire extinguisher available at all times.
- » Always end the charging process if the battery becomes warm to the touch or begins to swell.
- » Always disconnect the battery after charging and let the charger cool between charges.
- » Always charge in a well-ventilated area.
- » Never use a charger that has been in any way altered, damaged, or exposed to moisture
- » If product malfunctions, discontinue usage and contact Common Sense RC toll-free at 866-405-8811.

CHARGING INSTRUCTIONS

- 1) Plug the AC power cord into the charger. Plug the other end into an AC 100-240V wall outlet.



- 2) The LEDs will begin to blink in an alternating pattern. This means the charger is ready for use. **Place the battery is a flame-resistant charging device like a Common Sense RC® Lipo Safe Bag.** Plug the balance leads of your battery into the output port that exactly matches the balance connector on your battery.



- 3) After the battery has been connected, the LEDs on the charger will blink to indicate the charge level of the battery.

	BLINKING	SOLID
1st LED	Less than 3.5V per cell (less than 25% charged)	3.5V-3.85V per cell (25% charged)
2nd LED	3.5V-3.85V per cell (25% charged)	3.85V-4.10V per cell (50% charged)
3rd LED	3.85V-4.10V per cell (50% charged)	4.10V-4.19V per cell (75% charged)
4th LED	4.10V-4.19V per cell (75% charged)	4.20V per cell (100% charged)

When all 4 LEDs are solid, the battery is fully charged.

- 4) Once charging is complete, disconnect the components in the following order:
 - 1) Disconnect the charger from the wall outlet
 - 2) Disconnect the battery from the charger
 - 3) Disconnect the AC power cord from the charger

ERRORS

In the event of a charger error, all four LEDs will begin to blink simultaneously.

- 1) Disconnect the charger from the wall outlet
- 2) Disconnect the battery from the charger
- 3) Disconnect the AC power cord from the charger
- 4) Complete steps 1-3 on the Charging Instructions page

If the error still persists, immediately discontinue use of the charger and contact Common Sense RC tech support at 866-405-8811.

DO NOT ATTEMPT TO DISASSEMBLE OR REPAIR THE CHARGER YOURSELF. MODIFIED CHARGERS POSE AN EXTREME FIRE RISK. ATTEMPTING TO MODIFY OR REPAIR THE CHARGER WILL VOID ANY WARRANTY.

STORAGE INSTRUCTIONS

If your lipo battery won't be used for one week or longer, it should be stored at approximately 50% charged. Storing a lipo battery either fully charged or discharged will lead to internal damage and dramatically shorten battery life.

- 1) After the lipo battery has been discharged, follow steps 1 and 2 in the Battery Charging Instructions to connect the charger and battery. Observe the charger carefully to watch for battery to reach storage charge level.

- 2) Once the 50% LED is on solid and the 75% LED is blinking, the battery will be at an appropriate storage charge level (note the STORAGE indicator on the charger label). At this point, disconnect the AC plug from the wall outlet, then disconnect the battery from the charger.

- 3) Store your lipo battery in a fire resistant container such as a Lipo Safe bag.

WARRANTY

This charger includes a 1-year warranty that will cover the cost of replacing or repairing the unit in the event of any manufacturing defects. The warranty does not include any damage that may arise from improper use or user negligence. This includes:

- » Failure to read and follow instructions
- » Improper use of the product (abusive use, out of spec. etc.)
- » Overloading, overheating (desoldering, melting, etc.)
- » Using in inadequate conditions (damage or rust from rain, humidity, etc.)
- » Improper maintenance (presence of dirt, etc.)
- » Disassembly or modification by the user
- » Exposure to moisture
- » Physical damage sustained by dropping, throwing, or smashing the unit

CommonSenseRC.com
Toll-Free: 866-405-8811

