

User Manual for 45010

LiPo & NiMH AC Sport Balance Charger



Thank you for selecting the JEGS LiPo and NiMH AC Sport Charger. This product has been engineered for reliability and ease of use. To ensure you have a good understanding of how the charger operates, please read this manual thoroughly as it will answer the most common questions asked. Charging batteries improperly can result in disastrous outcomes often caused by improper use of the charger. Having a good comprehension of this manual will help you be a safer, happier hobbyist.

Features

- Supports LiPo, LiHV, Li-Fe NiMH and NiCd battery chemistries
- Selectable current charge rate up to 3 Amps
- Digital display of the cell voltage in each Lithium cell in real time

Appearance



Specifications

- Input voltage:..... AC 100V - 240V
- Output power: Max 20W
- Charger current range: 0.5A - 3A
- LiPo/LiHV/LiFe cell counts: 2-4s
- NiMH/NiCd cell counts: 4-8s

Important Precautions

- DO NOT leave the charger unattended while in use.
- Disconnect the battery and remove the input power from the charger immediately if the charger or battery becomes hot.
- DO NOT attempt to charge incompatible types of rechargeable batteries as this could result in permanent damage to the battery and charger.
- Do NOT use automotive battery chargers to power the charger.
- DO NOT allow water, moisture or foreign objects into the charger.
- DO NOT attempt to use batteries with more cells or a higher total voltage than listed in the specifications.
- DO NOT overcharge batteries as this can cause permanent damage. Do not use a charge current rate that exceeds the safe levels of the battery.
- If possible, charge your batteries in a fire resistant container such as a LiPo sack, or a ceramic or metal container.
- DO NOT place the charger or battery on flammable surfaces or near combustible

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Important Precautions Cont.

materials while in use such as carpet, a cluttered work bench, paper, plastic, vinyl, leather, wood, or inside an R/C model or full size car.

- Allow the charger and battery to cool down between charges.
- Always disconnect the charger from the power source when not in use.
- If you have read these precautions and do not completely understand or have any questions regarding them, please contact JEGS Customer Service before using this charger.

Charging Process

1. Plug the charger into the AC power source.
2. The charger is powered up properly if the LED light between the chemistry type and amperage selection begins flashing green.
3. Choose your battery's correct chemistry type (LiPo, LiHV, LiFe, NiMH) using the selector button on the left of the charger. If charging a NiCd battery, use the NiMH selection.
4. Choose the maximum charge current using the button on the right of the charger. If you are unsure what current to charge at, consult your battery's manual.
5. Connect the charge cable to the front of the charger. Please ensure that the red plug is connected to the red (positive) port and the black plug is connected to

the black (negative) port.

6. Connect your battery to the charger. If charging a LiPo or LiFe, the battery will not begin to charge until the balance plug is connected to the balance port on the right side of the charger.
7. The green LED in the center of the charger will stop blinking and turn constant red. The individual cell voltage of each cell (LiPo/LiFe) will begin to display in the center LCD window.
8. The LED will turn solid green when the battery is fully charged.
9. When the battery is removed from the charger, the LED will begin flashing green. The next battery can now be charged.

Notes

1. Please make sure the input power and battery type selected are suitable for the batteries parameters.
2. Do not reverse the polarity of the charger leads as it may permanently damage the charger or battery.
3. Do not change battery type selector switch when charging. If this happens accidentally, the display will show "Err". To begin charging, unplug the battery from the charger, double check your charge settings, reconnect your battery and begin charging normally.

Warranty & Service

JEGS 1-YEAR WARRANTY

We are certain of the quality of all JEGS products. Therefore, all JEGS products come with a 1-year Warranty, which covers defects in materials or workmanship. JEGS will repair or, in its discretion, replace defective product free of charge for a period of 1 year from the original date of purchase.

This is a non-transferable warranty and does not cover normal wear and tear, physical damage (including water damage), battery failure due to over-discharge (as described in our written instructions) or any damage resulting from improper use (including opening of the sealed battery pack).

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

To make a warranty claim, please submit a support case at www.jegs.com or call us at 1-800-345.4545.

IMPORTANT NOTICE

JEGS assumes sole responsibility for our products; therefore, dealers should not be involved in any warranty issues. All warranty claims are to be directed to JEGS Customer Service. Before returning any defective product, please contact JEGS at www.jegs.com or call 800-345.4545.

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GUARANTEE

All products are inspected and adjusted individually before leaving the manufacturer and are guaranteed

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