



Thank you for choosing the Venom LiPo and NiMH AC Sport Charger. We have engineered this product to be reliable and easy to 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. Improperly charging batteries can have disastrous results often caused by improper use of the charger. Having a good comprehension of this manual will help you be a safer, happier hobbyist.

FEATURES

- This charger 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 battery cell counts: | 2-4s |
| • NiMH/NiCd battery 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.

IMPORTANT PRECAUTIONS CONT.

- **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 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 Venom 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 AND SERVICE

We are so certain of the quality of our chargers that we offer a Venom® Limited Lifetime Charger Replacement Plan. Venom® will, at its discretion, repair or replace a defective charger free of charge within a period of 1 year from the original date of purchase. Year 2 onward, any Venom® charger can be exchanged for a brand new charger of the same model for 30% off original retail pricing. This is a non-transferable charger replacement plan and does not cover commercial use, normal wear and tear, crash or water damage, modifications, or any damages arising as a result of improper use. We reserve the right to deny replacement to any serial abusers of our customer friendly policy. All warranty claims are to be directed to our website at: venompower.com/pages/warranty-policy.

IMPORTANT NOTICE

Venom® assumes sole responsibility for our products; therefore, dealers should not be involved in any warranty issues. All warranty claims are to be directed to Venom® Customer Service. Before returning any defective product, please contact Venom® at www.venompower.com/Customer-Service

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Charging and discharging batteries has the potential for serious injury to persons and damage to property. In purchasing this product, the user agrees to accept responsibility for all such risks, and will not hold Venom®, it's affiliates, manufacturers, distributors, or retail partners responsible for any accident, injury to persons, or damage to property resulting from the use of this product.

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