



VECTOR AC/DC NX85



OPERATING INSTRUCTIONS

Please keep for future reference

SPECIFICATIONS

Input Voltage 110~240V AC
or 12~14V DC

Output 4-8 Cell Ni-Cd/NiMH
Charge Rate 0.5, 1, 2, 3.5 or 5 Amps
Delta Peak Cut-off

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FEATURES

- Adjustable charge rates.
- Reverse Polarity Protection on Output.
- Delta Peak cut-off.

OPERATION

- Connect the required battery charge leads to the charger by clamping the bare ends of the lead into the output. Please ensure correct polarity (+ = red, - = black).
- Connect either the mains or 12V input power lead into the relevant socket on the back of the charger and connect this power lead to the appropriate power source.
- Select the correct charge rate for the battery pack being charged.
- Connect the battery to be charged to the output. When connected, the Red LED will glow to indicate fast charging.
- When the battery is fully charged, the peak circuitry will terminate the fast charge and the Green LED will glow to indicate that the battery is now fully charged.

The charging time for a discharged pack can be calculated by:-
Time (hours) = Battery Capacity (mAh) / Charge Rate (mA) x 1.2

SAFETY PRECAUTIONS

- Do not charge packs that cannot accept fast charging at the selected rate.
- Always monitor the battery pack being charged and disconnect from the charger if the pack becomes excessively hot.
- **NEVER** leave the charger unattended whilst charging.
- **DO NOT** fast charge batteries immediately after use while they are still warm. Allow to cool to ambient temperature before charging.