



Portable

6 Way Charger - Tri-Chemistry

Nova Code: BAT-750B



In case of Battery faults, the LED will be blinking in RED. The error codes (number of blinks) are listed below:-

1. Over charge error during pre-charge

The Battery may have a short circuit between P+ and P- contact.
The Battery cannot charge up as the + and - pole may be open circuit.

2. Pre-charge time out

Pre-charge operation failed because the Battery level remains low.
The Battery cannot also charge up to 6V (6 x NI-MH or 2 x Li-ion) during diagnosis mode (it will only last for as long as 30 minutes).
Cells damaged due to continuous over charge.

3. Reversed

Reverse pole (Battery + connect to Charger -)

4. Overheat error while charging Li-ion Battery

Battery temperature is over 43°C which is abnormal while charging a Li-ion Battery.
If a Li-ion temperature is over 43°C and set to the Charger, it will fail and will not charge.
Possible causes – NTC damage in Battery.

5. Battery contact is open

No charging current is passing through the P+ and P- contact. Charging contacts have separated from cells.
The Battery charging part is open (disconnect immediately).

6. Battery is under-charged

Charging is complete, but the final Battery voltage is below normal level
If the Battery is finished charging and gets under specified voltage, it will fail as a fully charged Ni-MH or Li should be fully charged at 5% over nominal voltage.
Causes: over duty cycle

Specification subject to change without notice. Issue 1



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