

SAFETY PRECAUTION

1. Do not leave the battery and the charger unattended while in use.
2. Do not operate the charger near water.
3. It is the users responsibility to follow battery mfg. suggested charging rate. Users must also closely monitor the pack temperature during fast charging. Overcharging may occur if the 16XB malfunction or when user does not follow battery mfg. recommended charges rate.
4. Never connect the charger to an automobile while its engine is running.
5. This charger is not intended for use by unsupervised children.
6. This charger is designed for high power Ni-Cd&Ni-MH battery only.
7. When charging, also monitor the temperature of the charger.If the unit becomes too hot,disconnect the unit.

CHARGE DISCHARGE MENU
MODE DYNODE CENTER

STEP3

Press the MENU button to use the charge, discharge and cycle battery features. Press the ENTER button to use the motor run features. Press the MENU button now and then press the SETUP button to access the battery setup mode.

BATTERY TYPE IS
Li-Poly

STEP4

Choose one of the following battery chemistry using the INC and DEC buttons and then press ENTER:

BATTERY TYPE IS
NiMH

Li-Poly

BATTERY TYPE IS
NiCd

Ni-MH

Ni-Cd

Incorrect battery type selection in this step can cause battery explosion! Make sure the correct battery type is selected.

CELL NUMBER
6CELL

STEP5

Use the INC and DEC buttons to select the correct number of cell and then press ENTER. Select between 1 to 8 cell for Ni-Cd & Ni-MH battery. In Li-Poly battery mode, the maximum number of cell is 3 and the charging will stop at 4.2V per Li-polymer cell.

BATTERY CAPACITY
3300mAh

STEP6

Use the INC and DEC buttons to select battery capacity in mAh and then press ENTER.

CHG CURRENT 6.5A
P1 0000-1815mAh

STEP7

This screen controls the charge current of "Phase 1". In this example, we are using 6.5A. The 1st phase is preprogrammed to charge up to 55% of the battery capacity entered in Step 6. 55% of 3300mAh is 1815mAh.

VOLT THRESHOLD SETTING

The volt threshold value entered is the drop in millivolts that the 16XB looks for to determine that the battery pack has peaked. This is adjustable from 1 to 20mV/cell(Ni-CD) and 1 to 15mV/cell(Ni-MH). To adjust, push the "ENTER" button from the Volt threshold screen. Please see the RATE-SELECTABLE CHART.



- CAUTION:**
1. If you set up high volt threshold value that the rate is more than standard threshold value, The 16XB gives longer charge to battery. This may overcharge your pack, causing chemical leak & overheat , Internal damage to your batteries will result.
 2. Don't use "RATE-SELECTABLE CHART" value for old and damaged battery , The 16XB will not works correctly.