TENERGY®

5-in-1 Cell Meter

Digital Battery Capacity Checker

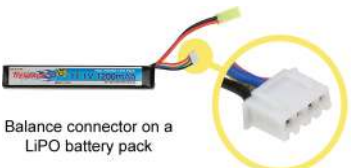


OPERATING INSTRUCTIONS

Item No. 01444

Features/compatibility	LiPo	LiFe	Li-Ion	NiCd	NiMH
Input Cells	2~7Cells	2~7Cells	2~7Cells	4~7Cells	4~7Cells
Total Voltage	√	√	√	√	√
Total Cell Battery Capacity(0~99%)	√	√	√	x	x
Individual Battery Cell Voltage	√	√	√	x	x
Lowest Cell Voltage	√	√	√	x	x
Highest Cell Voltage	√	√	√	x	x
Voltage Differene Between Highest and Lowest Cell Voltage	√	√	√	x	x

BALANCE CONNECTOR



Balance connector on a LiPO battery pack



LiPO battery pack connected with battery checker

FUTABA CONNECTOR



Futaba connector on a NiMH battery pack

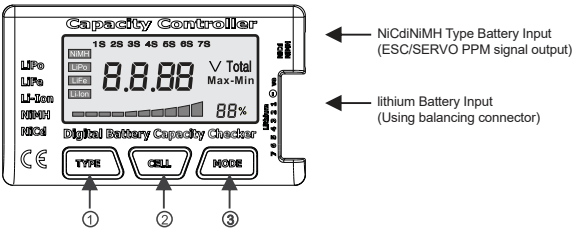


NiMH battery pack connected with battery checker

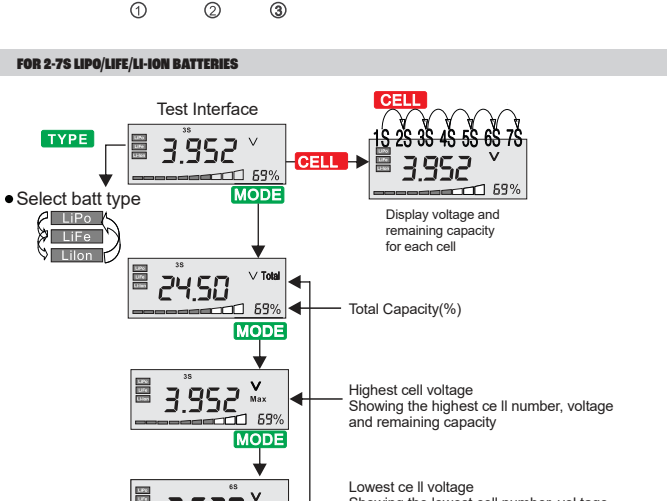
BATTERY CHECKER LAYOUT

Buttons

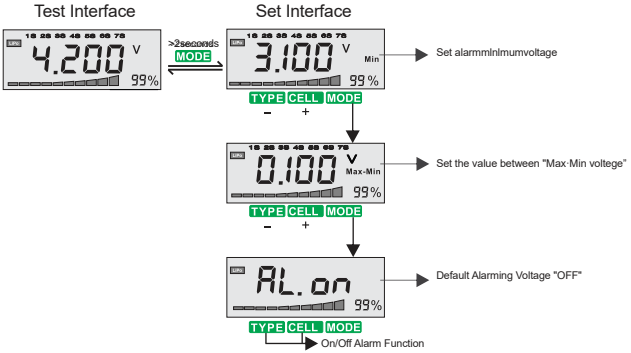
1. Battery Type: NiCd/NiMH, Li-Po, LiFe, Li-Ion
2. Cell Number: LiPo/LiFe/Li-Ion: 2~7 cells NiMH: 4~7 cells
3. Display Mode: Battery cell voltage, Total voltage, Lowest cell voltage, Highest cell voltage, Voltage gap between highest cell voltage and lowest cell voltage, Remaining battery capacity (%)



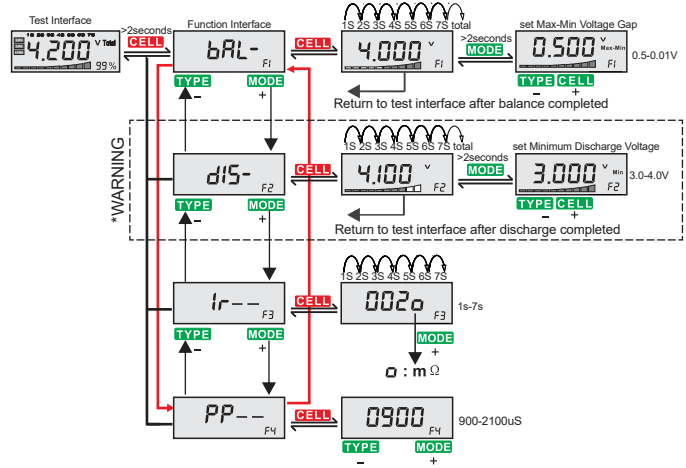
FOR 2-7S LIPO/LIFE/LI-ION BATTERIES



CONFIGURE VOLTAGE ALARM



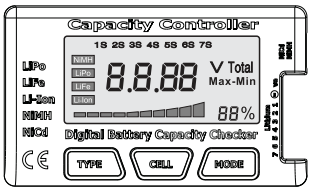
PRESS AND HOLD THE "CELL" BUTTON TO ACCESS OTHER FUNCTIONS

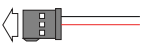


***WARNING:** To avoid overheating, the discharge function can only be used for less than 6 min each time. After that, please let the unit cool down to room temperature before discharge again.
DO NOT leave your battery discharging with this device unattended.

F1	bAL-	Battery Balancer
F2	dIS-	Battery Discharger
F3	Ir --	Battery Internal Resistance Tester
F4	PP --	ESC/SERVO.PPM. Tester

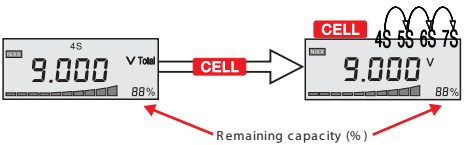
FOR 4-7S NICD/NIMH BATTERIES





• Battery total voltage

• Set cell numbers



The remaining capacity is estimated based on the total number of cells connected in series.
Press the "CELL" button to select the correct setting.
NiCd and NiMH batteries for the TX and RX (4-7 cells) can be connected to this capacity checker.

USING THE ESC/SERVO TESTER FUNCTION

1. With a servo Y-harness, connect the single end to 5-in-1 meter, and the other two ends to the servo motor, and a 4.8-6V NiMH battery to provide power.

2. Press and hold the "Cell" button until the 5-in-1 meter's screen changes to display the servo-arm position, and then use the "Mode" and "Type" buttons to change its position in both directions.

