

Battery capacity tester \$12

John KG4NXT with credit to Instructables

<https://www.instructables.com/ZB2L3-BATTERY-CAPACITY-TESTER/>

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Battery Capacity tester - parts

- ZB2L3 module \$7.99
https://www.amazon.com/gp/product/B0716ZL1SM/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
- 8 ohm – 100 watt resistor – \$4.00 (2 for \$7.99)
https://www.amazon.com/gp/product/B07QV3S2F5/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
- Choose resistor so will not exceed ZB2L3 max amps of 3 (13 v/8 ohms = 1.625 amp ---- Ohm's law)

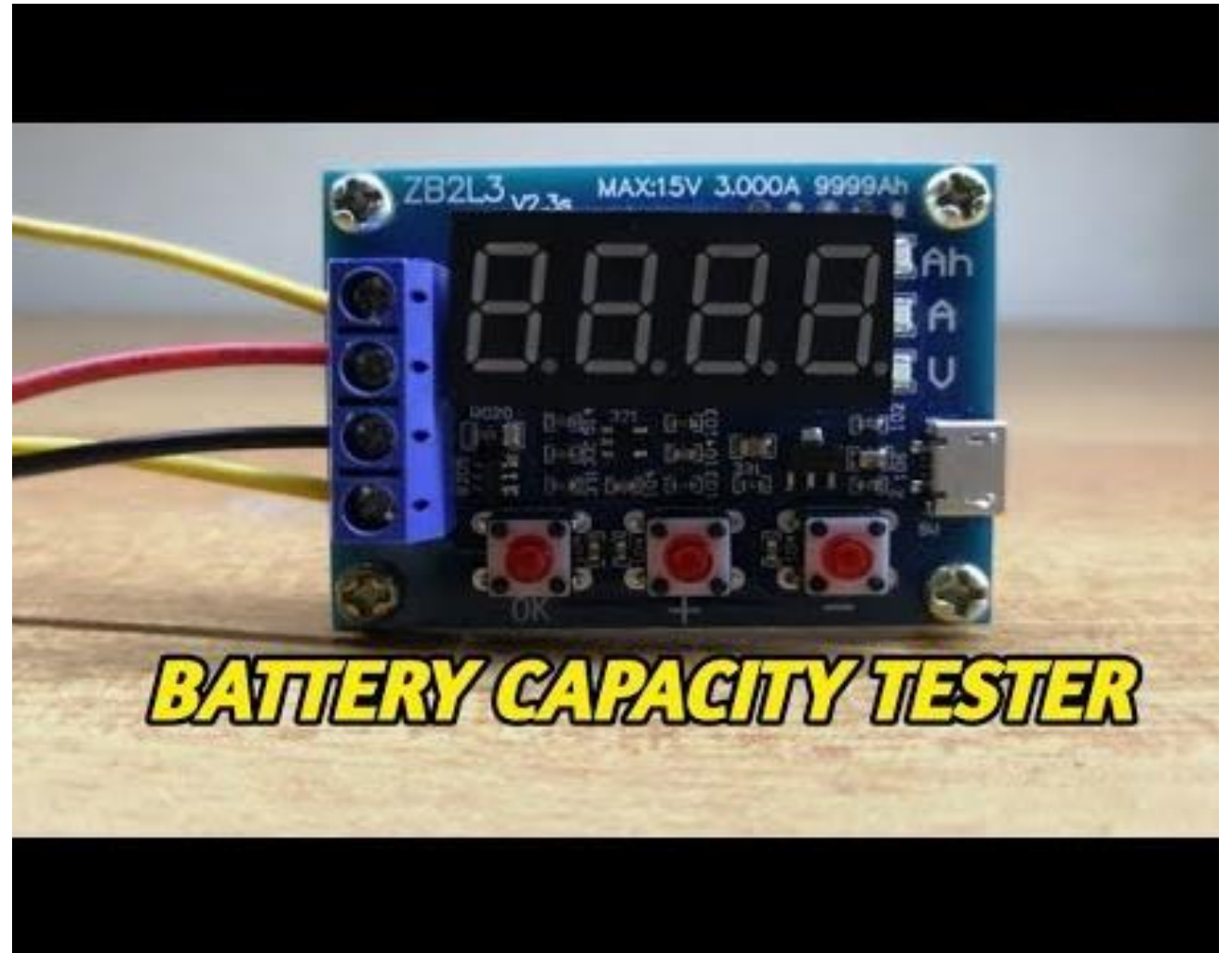
ZB2L3

5 THINGS TO CONNECT

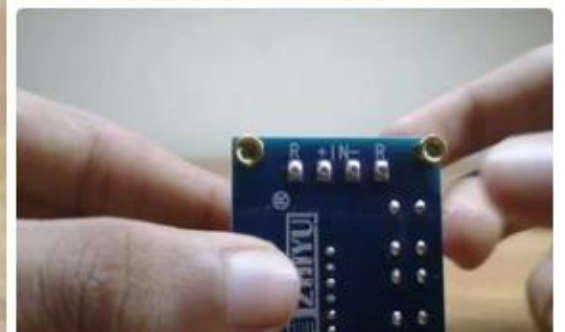
Power via USB micro – phone charger fine

Resistor 2 leads

Battery under test 2 leads



FULLY CHARGED 18650 BATTERY



Set cutoff voltage or
take the default
press ok to start

YOU CAN SET THE CUTOFF VOLTAGE BY
PRESSING THE + AND - BUTTONS
BEFORE PRESSING THE OK BUTTON

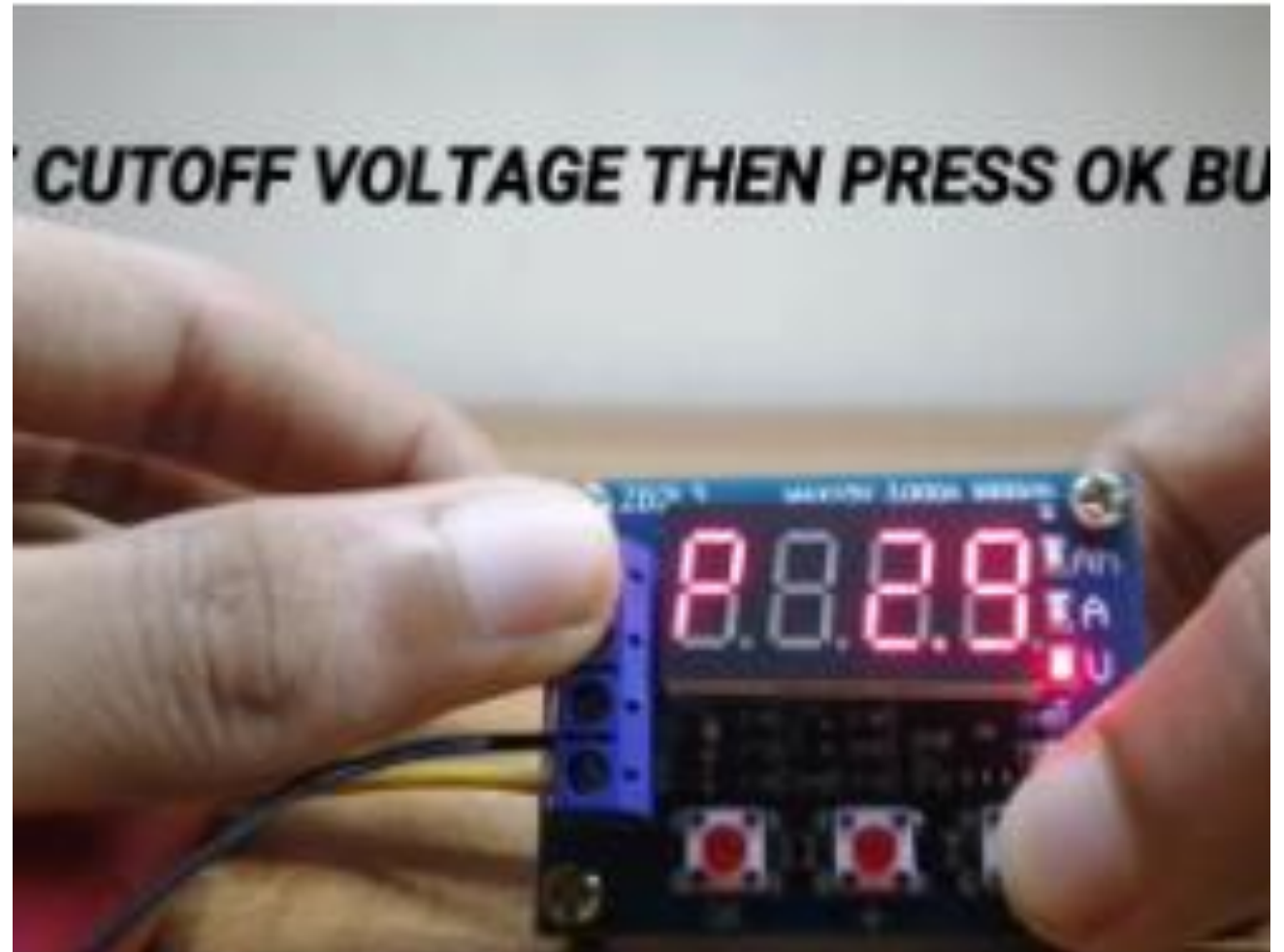
OK BUTTON ON LEFT

+ (plus) BUTTON IN MIDDLE

- (minus) BUTTON ON RIGHT

PRESS OK TO START

AFTER START, MODULE FLASHES VOLTS,
AMP, AND AMP HOURS SO FAR



TEST FINISHED

When the battery voltage reaches the set cut-off voltage, load control switches off the tester. Display data stays in capacity (Ah) and now displays the actual capacity of the battery

Weird Harold. Shifting the decimal point when less than 10 Ah displayed. When the display is less than 10Ah X.XXX, as shown above to achieve 10Ah XX.XX, and so on.

