

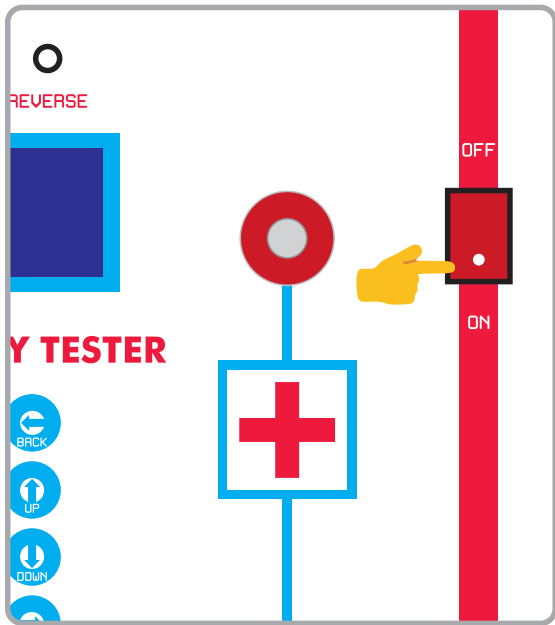


# CAPACITY TESTER

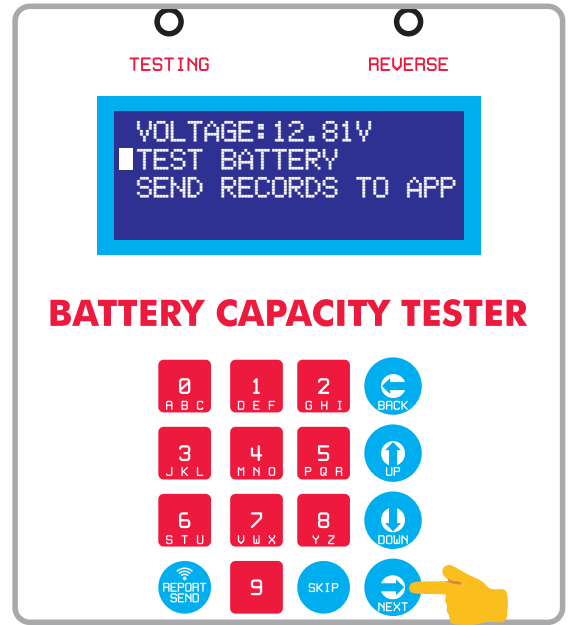


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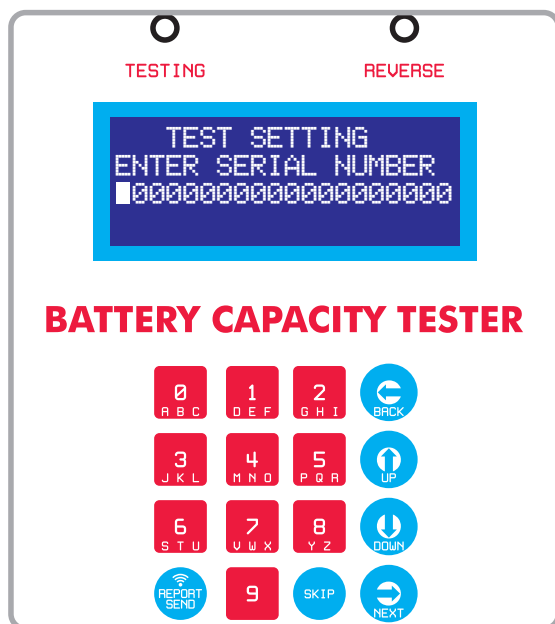
# TESTING PROCEDURE



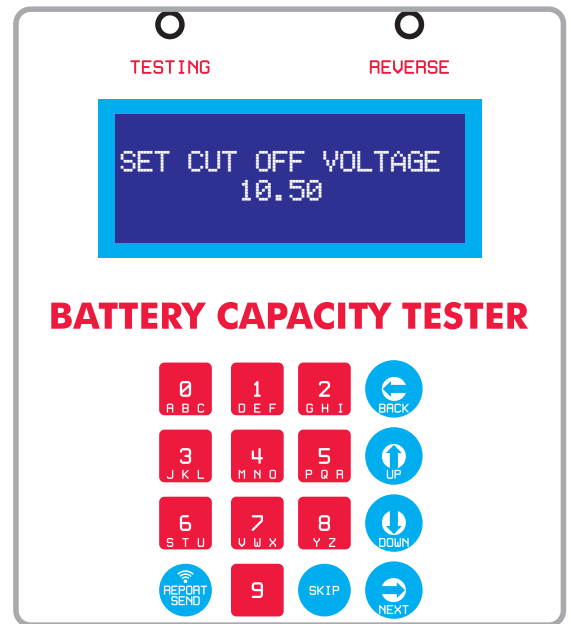
1. Connect Battery with proper polarity.
2. Switch ON the Machine.



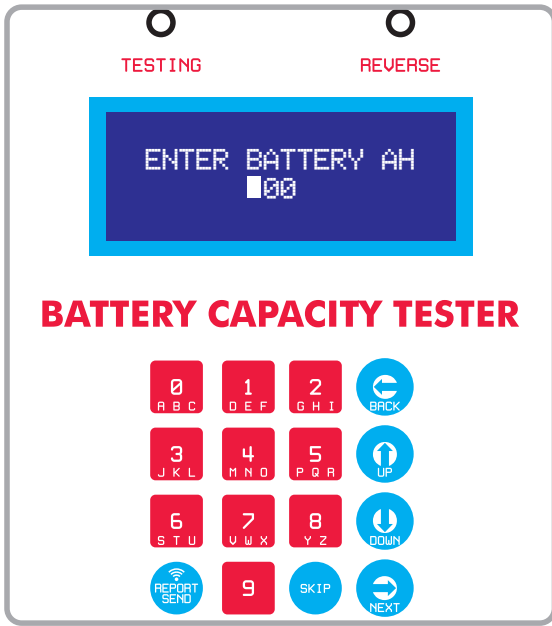
3. Machine will show battery voltage.
4. To start the test press NEXT button.



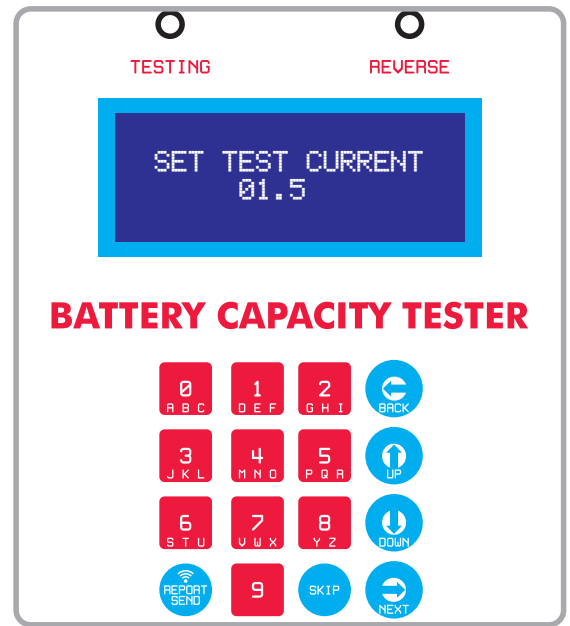
5. Enter Battery Serial number and press NEXT.
6. To skip and go ahead press SKIP button.



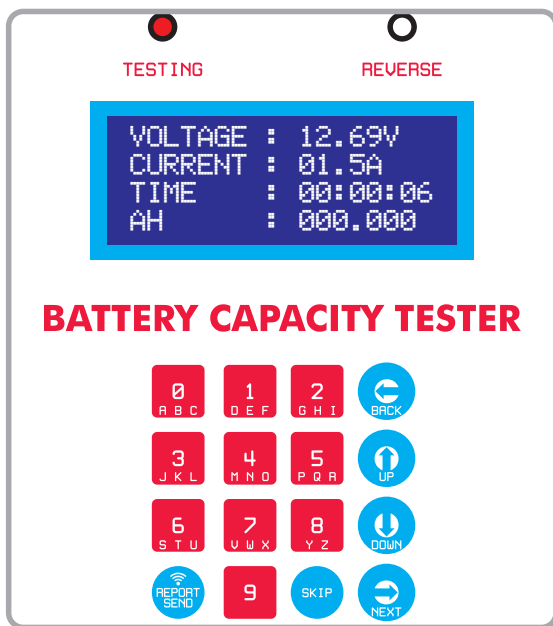
7. Set Battery CUTOFF voltage using UP/DOWN keys and press NEXT.



8. Enter battery AH capacity and press NEXT button.



9. Set test current using UP/DOWN keys and press NEXT button.

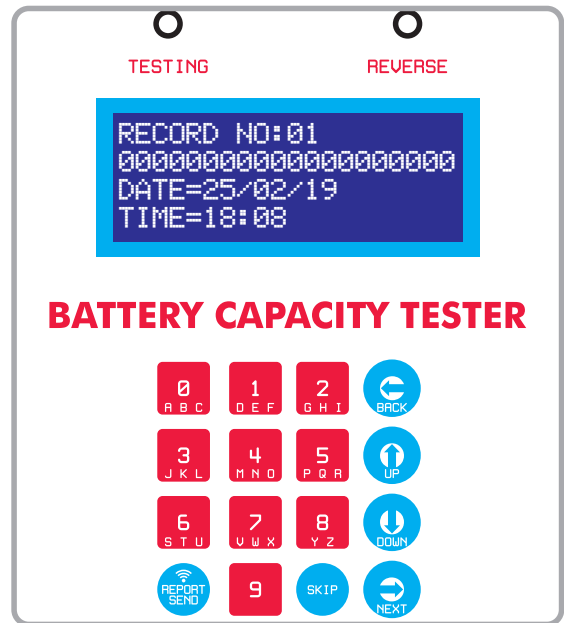


10. Test will start. Testing Led will start blinking.

11. Machine display shows Battery Voltage, Test current, completed test time and discharged AH value.

12. After completion of test, Testing LED will stop blinking and will ON continuously.

13. Machine is now showing final values of Battery Voltage, Test current, completed test time and discharged capacity AH



- At step 3, Press DOWN button and select option "SEND RECORDS TO APP".
- It will show stores Records of the battery test report.
- Records are stored number wise.
- Each record contains battery serial number and the tested date time.
- Select record using UP/DOWN keys and press REPORT SEND button to send record to app.

## SPECIFICATIONS

TEST CUTOFF VOLTAGE -: 10.0V TO 12.0V WITH 0.1V RESOLUTION  
TEST CURRENT -: 1.5A TO 50A WITH 0.1A RESOLUTION  
TEST DURATION -: 10MIN TO 10 HOURS WITH 10MIN RESOLUTION  
VOLTAGE ACCURACY -: +/- 0.01V  
WEIGHT -: Approx. 6 KG  
SIZE (W X D X H) -: 400MM X 200MM X 300MM

## TERMINOLOGIES AND MEANINGS

### END VOLTAGE

- THIS IS A BATTERY VOLTAGE LEVEL, UP TO WHICH BATTERY IS DISCHARGED.
- TO KNOW THE EXACT BATTERY CAPACITY, NORMALLY THIS VOLTAGE SHOULD BE 10.2V TO 10.5V

### TEST CURRENT

- THIS IS A CONSTANT CURRENT AT WHICH BATTERY IS DISCHARGED.
- TO KNOW THE EXACT BATTERY CAPACITY, THIS CURRENT SHOULD BE SET ACCORDING TO RATING MENTIONED ON BATTERY (C10,C20,C5).
- FOR EXAMPLE IF A BATTERY IS OF 100 AH CAPACITY AT C20 RATING, THEN TEST CURRENT SHOULD BE 5 AMPS.

### TEST TIME

- THIS IS A USER SELECTABLE TEST DURATION, FOR WHICH TEST IS CONDUCTED.

#### For Better Results,

- Charge battery before Test.
- Make battery terminals clean and dry for proper contact.
- Confirm correct and tight connections.

#### Warning:

- Call company service for repairs and maintenance.
- Do not try repairs without any technical help from company service. This may lead to damage to person attending repairs / operator.

#### Manufactured By:

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