

USER MANUAL



ALL IN ONE BATTERY TESTER

KNOW YOUR MACHINE

- 1 - 2 WHEELER TEST LED
- 2 - 4 WHEELER TEST LED
- 3 - INVERTER TEST LED
- 4 - BACKUP TEST LED
- 5 - RESULT LED
- 6 - AH/WATT DISPLAY
- 7 - VOLTAGE DISPLAY
- 8 - TIME/RESULT DISPLAY
- 9 - KEYPAD
- 10 - COOLING FAN
- 11 - +VE BATTERY PICKUP
- 12 - -VE BATTERY PICKUP



1. 2 wheeler Test LED - This LED is for 2 wheeler battery test selection from 2.5Ah-14 Ah.
2. 4 wheeler Test LED - This LED is for 4 wheeler battery test selection from 25Ah-180Ah.
3. Inverter Test LED - This LED is for Inverter battery test selection from 20Ah-240Ah.
4. Backup Test LED - This LED is for backup test selection from 20watt-600watt.
5. Result LED - It is a LED indication for showing Test Result.
 "Green LED" means test result is "Pass" and the battery is GOOD,
 "Red LED" means test result is "Fail" and the battery is BAD.
6. Ah/Watt Display - During test run It shows 3 Digit value of selected battery Ah or selected watt load for backup test.
7. Voltage Display - During test run mode it shows 4 Digit value of battery voltage.
8. Time/Result Display - During backup test it shows lapsed time in hour:minutes.
 For remaining test it shows battery test result (Good,Weak,Bad).
9. Keypad - This is a push button type keypad having 3 keys.
 1. UP key 2. DOWN key 3. ENTER/START key
10. COOLING FAN - Front mounted fans for forced air cooling of machine.
11. +VE Battery Pickup - This is a pickup wire connection from +VE battery terminal.
12. -VE Battery Pickup - This is a pickup wire connection from -VE battery terminal.

TEST PROCEDURE

FOR 2 WHEELER BATTERY TESTING OF 2.5AH TO 14 AH

<p>1</p> <p>MAKE FIRM CONNECTIONS WITH BATTERY.</p> <p>800 1000 0000</p>	<p>2</p> <p>PRESS ENTER</p> <p>2 WHEELER LED IS ON</p> <p>500 0000 0000</p>	<p>3</p> <p>USE UP / DOWN AND SET BATTERY AH CAPACITY FROM 2.5AH TO 14AH</p> <p>250 1248 0000</p>
<p>4</p> <p>SET DESIRED BATTERY AH</p> <p>PRESS ENTER TO START TEST.</p> <p>BLINKING LED</p> <p>000 5000 0000</p>	<p>5</p> <p>WAIT FOR TEST TO COMPLETE IN 3 STAGES</p> <p>STAGE 1 STAGE 2 STAGE 3</p> <p>000 1000 0000</p>	<p>6</p> <p>SEE THE RESULT</p> <p>000 1060 0000</p> <p>GREEN LED FOR GOOD</p> <p>0000</p>

FOR 4 WHEELER BATTERY TESTING OF 25AH TO 180 AH

<p>1</p> <p>MAKE FIRM CONNECTIONS WITH BATTERY.</p> <p>800 1000 0000</p>	<p>2</p> <p>PRESS DOWN KEY. PRESS ENTER</p> <p>4 WHEELER LED IS ON</p> <p>500 0000 0000</p>	<p>3</p> <p>USE UP / DOWN AND SET BATTERY AH CAPACITY FROM 25AH TO 180AH</p> <p>250 1248 0000</p>
<p>4</p> <p>SET DESIRED BATTERY AH</p> <p>PRESS ENTER TO START TEST.</p> <p>BLINKING LED</p> <p>650 5000 0000</p>	<p>5</p> <p>WAIT FOR TEST TO COMPLETE IN 3 STAGES</p> <p>STAGE 1 STAGE 2 STAGE 3</p> <p>650 1120 0000</p>	<p>6</p> <p>SEE THE RESULT</p> <p>650 1005 0000</p> <p>RED LED FOR BAD</p> <p>6800</p>

FOR INVERTER BATTERY TESTING OF 20AH TO 240 AH

<p>1</p> <p>MAKE FIRM CONNECTIONS WITH BATTERY.</p> <p>800 1000 0000</p>	<p>2</p> <p>PRESS DOWN KEY 2 TIMES. PRESS ENTER</p> <p>INVERTER LED IS ON</p> <p>500 0000 0000</p>	<p>3</p> <p>USE UP / DOWN AND SET BATTERY AH CAPACITY FROM 20AH TO 240AH</p> <p>200 1248 0000</p>
<p>4</p> <p>SET DESIRED BATTERY AH</p> <p>PRESS ENTER TO START TEST.</p> <p>BLINKING LED</p> <p>100 5000 0000</p>	<p>5</p> <p>WAIT FOR TEST TO COMPLETE IN 3 STAGES</p> <p>STAGE 1 STAGE 2 STAGE 3</p> <p>100 1000 0000</p>	<p>6</p> <p>SEE THE RESULT</p> <p>100 1060 0000</p> <p>RED & GREEN BLINK FOR WEAK</p> <p>1000</p>

FOR BATTERY BACKUP TESTING FOR 20 WATT TO 600 WATT LOAD

<p>1</p> <p>MAKE FIRM CONNECTIONS WITH BATTERY.</p> <p>800 1248 0000</p>	<p>2</p> <p>PRESS DOWN KEY 3 TIMES.</p> <p>PRESS ENTER</p> <p>500 0000 0000</p> <p>BACKUP TEST LED IS ON</p>	<p>3</p> <p>USE UP / DOWN AND SET LOAD FROM 20 TO 600WATT</p> <p>200 1248 0000</p>
<p>4</p> <p>SET DESIRED WATT LOAD.</p> <p>PRESS ENTER TO START TEST.</p> <p>BLINKING LED</p> <p>400 1248 0000</p>	<p>5</p> <p>BATTERY VOLTAGE</p> <p>BLINKING LED</p> <p>LAPSED TIME</p> <p>400 1083 0145</p>	<p>6</p> <p>TEST WILL END WHEN BATTERY VOLTAGE REACHES 10.50V</p> <p>END VOLTAGE</p> <p>BLINKING STOP</p> <p>FINAL BACKUP</p> <p>400 1050 0256</p>

INSTRUCTIONS

■ FOR BETTER RESULTS,

CHARGE BATTERY BEFORE TEST.

MAKE BATTERY TERMINALS CLEAN AND DRY FOR PROPER CONTACT.

CONFIRM CORRECT AND TIGHT CONNECTIONS.

ALWAYS SELECT CORRECT BATTERY CAPACITY.

WAIT FOR AT LEAST 1 MINUTE BETWEEN TWO SUCCESSIVE TESTS.

INDICATIONS

DISPLAY	LED	DESCRIPTION
Good	GREEN	BATTERY IS GOOD
WEAK	BLINK	BATTERY IS WEAK
bad	RED	BATTERY IS BAD
Lo	OFF	VERY LOW VOLTAGE
Hi	OFF	VERY HIGH VOLTAGE
CHG	OFF	BATTERY NEEDS CHARGING

MANUFACTURED BY

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