



**DBM72**



**MBM27**

**Features**

- 80A Discharge Current Load Test for 6V / 12V (40Ah ~ 200Ah) Lead Acid and Li-ion Battery
- Built-In 10 Seconds Timer to Auto Cut-off Load After Test
- Temperature Rise is Controlled (for Circuit Protection)
- Two Way Internal Resistance Measurement (Load Test Method & 4-Wires Method)
- Auto Data Hold

Specifications	Range
Battery Type	Lead Acid & Li-ion Battery
Battery Voltage	6V / 12V DC
Battery Capacity	40 Ah ~ 200Ah
Battery Load Test Current	80A
Load Test Time Control Timer	<10 Seconds
Battery Drop Voltage in Load Test	✓
Temperature Control in Load Test	✓
Battery Internal Resistance by Load Test	0 ~ 99mΩ
Battery Internal Resistance by 4 - Wires Test	0 ~ 99mΩ
Battery Conclusion by Load Test or by 4 - Wires Test	GOOD / WEAK / BAD
Reverse Polarity Protection	✓
Detect and Display Bad Cell	✓
Missing Lead Detection	✓
Overload Protection of Input Voltage	✓
Safety Standard	CAT III 600V
Cable Length	300mm (approx.)
Dimension	205 x 115 x 70mm (approx.)
Weight	900g (approx.)

**Features**

- Key Parameters Measured for Diagnosis of Motorcycle / Two Wheeler Vehicle Battery and Electrical System.
- 12V (3 to 20Ah) Lead Acid Wet and Dry Charged Batteries of Motorcycle and Two Wheelers.
- Three Testing References by Battery Type (Wet Charged Battery), CCA Rating (Dry Charged Battery) and Ah Rating (General Purpose Cracking Battery).
- Display of Battery Condition [Good / Caution / Replace].
- Reverse Polarity Protection and Overload Voltage Protection to ensure Operator Safety.

Specifications	Range
Battery Test	✓
Engine Cranking Load Test	✓
Charging System Test	✓
CCA Range	100 ~ 1000
Ah Range	3 ~ 20Ah (not continuous)
State of Charge (SOC)	0 ~ 100%
State of Health (SOH)	0 ~ 100%
Voltage Range	9 ~ 16V ± 3%
Internal Resistance	0 - 99mΩ
Display Battery Internal Resistance	Milli Ohms
Display Battery Voltage	Volts
Display Battery Condition	Good / Caution / Replace
Test 12V Batteries	✓
Battery Recharge Indication	✓
Reverse Polarity Protection	✓
Detect and Display Bad Cell	✓
Loose Lead Detection	✓
Overload Protection of Input Voltage	✓
Cable Length	700mm (approx.)
Dimension	146 x 82 x 25mm (approx.)
Weight	266g (approx.)