



VBSM6129B



VBSM6246



VBSM6246P

**Features**

- Key Parameters Measured for Diagnosis of Vehicle Battery & Electrical System
- Overload Protection to ensure Operator Safety
- Loose Lead Detection
- Reverse Polarity Protection
- Internal Unit Conversion CCA / IEC / EN / DIN
- Battery Recharge Indicator, Detects and Displays Bad Cell and Overload Protection of Input Voltage

| Specifications                        | VBSM6129B  | VBSM6246                            | VBSM6246P                           |
|---------------------------------------|--|-------------------------------------|-------------------------------------|
| Battery Test                          | ✓  | ✓                                   | ✓                                   |
| Engine Activation Load Test           | ✓  | ✓                                   | ✓                                   |
| Maximum Load Test                     | -  | ✓                                   | ✓                                   |
| Charging System Test                  | ✓  | ✓                                   | ✓                                   |
| CCA Range                             | 100 ~ 1700   | 100 ~ 1700                          | 100 ~ 1700                          |
| IEC Range                             | 100 ~ 1000   | 100 ~ 1000                          | 100 ~ 1000                          |
| EN Range                              | 100 ~ 1700   | 100 ~ 1700                          | 100 ~ 1700                          |
| DIN Range                             | 100 ~ 1000   | 100 ~ 1000                          | 100 ~ 1000                          |
| JIS Range                             | Refer Table in Instruction Manual                      | Refer Table in Instruction Manual   | Refer Table in Instruction Manual   |
| Display Battery Internal Resistance   | Milli Ohms   | Milli Ohms                          | Milli Ohms                          |
| Display Battery Voltage               | Volts  | Volts                               | Volts                               |
| Display Battery Condition             | LED Indication GOOD (Green), WEAK (Yellow) & BAD (Red) | Good / OK / Pay Attention / Replace | Good / OK / Pay Attention / Replace |
| Thermal Printer                       | -  | -                                   | ✓                                   |
| Test Batteries                        | 12V  | 12V / 24V                           | 12V / 24V                           |
| Battery Recharge Indication           | ✓  | ✓                                   | ✓                                   |
| Reverse Polarity Protection           | ✓  | ✓                                   | ✓                                   |
| Detect and Display Bad Cell           | ✓  | ✓                                   | ✓                                   |
| Loose Lead Detection                  | ✓  | ✓                                   | ✓                                   |
| Internal Unit Conversion EN, IEC, DIN | ✓  | ✓                                   | ✓                                   |
| Overload Protection of Input Voltage  | ✓  | ✓                                   | ✓                                   |
| LCD with Backlight                    | ✓  | ✓                                   | ✓                                   |
| Safety Standard                       | CAT III 600V   | CAT III 600V                        | CAT III 600V                        |
| Cable Length                          | 850mm (approx.)  | 700mm (approx.)                     | 700mm (approx.)                     |
| Dimension                             | 128 x 85 x 35mm (approx.)                              | 180 x 90 x 32mm (approx.)           | 235 x 90 x 50mm (approx.)           |
| Weight                                | 300g (approx.)   | 400g (approx.)                      | 450g (approx.)                      |