

Giving you the best solution
your battery deserves!

The Sosaley SBMS is an intelligent product on an advanced IoT platform with cloud and local network monitoring.

Parameters SBMS can monitor

- Individual battery voltage.
- Ambient temperature.
- String current.
- Total string voltage.
- Battery Internal Resistance (ohmic value).
- Battery temperature.
- State Of Charge.
- Charge / Discharge Cycle.
- Charge equalizing and balancing.

Good reasons to choose SBMS

- User defined 24/7 alarm, SMS, & e-mail notification.
- Automatic capture and recording of data during float, charge & discharge.
- Identifying faulty battery.
- Ease of maintenance.
- Planned battery purchasing.
- Real time and remote monitoring.
- Point & click report generation.
- Compatible with VRLA, VLA & NiCad batteries.
- Optional features include hydrogen gas detection, cycle life, charge equalization.

The Sosaley BMS takes a modular approach to battery monitoring. By selecting from a range of options, the SBMS can be tailored to meet your specific requirements. SMF, VRLA or wet cells, Li-ion, lead acid, or, Ni-Cd – we have a solution for your battery. Our BMS also has wireless battery connectivity and cloud-based control.

India's default BMS for UPS & Inverters!



Ni-Cad (1.2V)

Battery Voltage Reading:

- Voltage Range: 0.60V - 2.00V
- Resolution: 0.001V
- Accuracy: +/- 0.3%

String Current

- Current Range: 0-500A
- Resolution: 20mA
- Accuracy: +/- 2%

Temperature Reading

- Temperature Range: -4 to 70°C (21 to 158°F)
- Resolution: 1°C
- Accuracy: +/- 2°C

Specifications

VRLA (12V)

Battery Voltage Reading:

- Voltage Range: 9.00V - 16.00V
- Resolution: 0.005V
- Accuracy: +/- 0.2%

Internal Resistance Reading:

- Resistance Range: 1.0 - 40.00mΩ
- Resolution: 0.7μΩ
- Accuracy: +/- 2.5%

String Current

- Current Range: 0-500A
- Resolution: 20mA
- Accuracy: +/- 2%

Temperature Reading

- Temperature Range: -4 to 70°C (21 to 158°F)
- Resolution: 1°C
- Accuracy: +/- 2°C

VRLA (2V)

Battery Voltage Reading:

- Voltage Range: 1.60V - 2.50V
- Resolution: 0.001V
- Accuracy: +/- 0.3%

Calculated Parameters:

- SOC
- SOH
- Internal Resistance

String Current

- Current Range: 0-500A
- Resolution: 20mA
- Accuracy: +/- 2%

Temperature Reading

- Temperature Range: -4 to 70°C (21 to 158°F)
- Resolution: 1°C
- Accuracy: +/- 2°C

Architecture

