



## Key Features

- Individual Battery Voltage
- Monitoring Battery Temperature
- String level Current Monitoring
- Rapid voltage sampling
- Planned battery purchasing
- Battery status recognition

## Introduction

Whirlybird VRLA Battery Monitoring system (BM30) is an innovative hardware with small footprint which can monitor Individual battery voltage, string level current and ambient temperature for battery Bank. It will help customer in saving cost on battery purchase, manage warranty from OEM. This product has Modbus interface for data communication with Gateway it makes product compatible with multiple gateways as output will be standardized.

This hardware is highly useful in any application such as Telecom, Enterprise, Solar, Microgrid etc. where monitoring of battery parameters is crucial for operations.

## Specifications

Technical Specifications	
<b>Ultrasonic Fuel Sensor</b>	
<b>Parameter</b>	<b>Range</b>
<b>Model Name</b>	BMS-VRLA
<b>Power Supply</b>	2V DC & 12VDC
<b>Battery Inputs</b>	Up-to 30 cells in one module
<b>String Voltage</b>	2V – 1000V
<b>Measurement Range</b>	0 – 200A
<b>Sensor Type</b>	Hall Effect Coils
<b>System Accuracy</b>	±3% + Sensor Accuracy
<b>Communication Interface</b>	Modbus RS-485
<b>Working Temperature</b>	0°C~+75°C
<b>Storage temperature</b>	0°C~+85°C
<b>Measurement Range</b>	0°C~+80°C