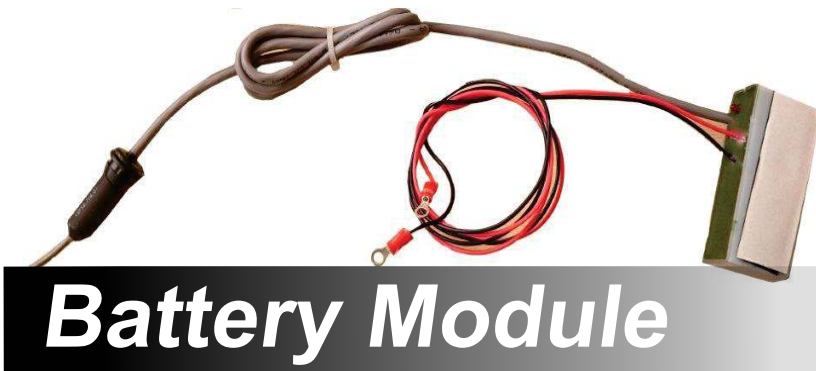


- Battery Monitoring Device for communicating with Bassi Chargers for both **Rapid** and **FAST** Charge Applications
- Suitable for Lead Acid, GEL and AGM Batteries



### Description

The **BMOD-T** is a battery identification and monitoring device for Lead-Acid batteries.

It has only two wires, to be connected to the battery positive and negative terminals, and a submersible sensor.

It can be installed on any battery with nominal voltage within 24V and 80V, and it communicates wirelessly with Bassi chargers.

The **BMOD-T** provides battery recognition (ID, type, capacity, voltage) and complete monitoring (temperature, electrolyte level, equalization).

In this way, the charging process is improved and the **COMPLETE PROTECTION** of the **BATTERY** is achieved.

The **BMOD-T** is essential in Rapid / Fast charging applications, and it's recommended when the workload of the battery is heavy.

When the batteries in the fleet are equipped with **BMOD-T** modules, all historical data saved by the chargers include battery IDs.

This feature is particularly powerful when coupled with the Bassi fleet management system, as it allows to analyse the operating performance and history logs of each charger and each battery in the fleet.

### Specifications

- Nominal Voltages: 24-80 V
- Dimensions: 7 x 2 x 3,5 cm
- Electrical consumption: < 10 mA

The installation of the **BMOD-T** is simple: it's sufficient to connect the two wires to the battery terminals, and to insert the submersible sensor in a central battery cell. The unit is protected against reverse polarity.

At the first connection of the battery to a **BASSI** charger, it's possible to program the battery information in the **BMOD-T**, directly through the charger user interface:

- Nominal battery voltage: 12-80 V
- Nominal capacity: 0-2000 Ah
- Battery Type: Lead-Acid, GEL, AGM, Li
- Battery ID: 8 character alphanumeric

This data will be saved in the internal memory of the module, until it will remain connected to the battery.

### Typical applications

- Fleets of forklifts and AGVs
- Fleets of passenger EVs
- Stand-by power systems

### Related products

- Bassi chargers equipped with BA03 board
- BMOD-ADVANCED (with current sensor)

