BMOD-R

MULTIFUNCTION MODULE FOR BATTERIES

SIMPLE CONNECTION

The BMOD-R battery module is easy to install and doesn't require any auxiliary wires. The data is sent directly through the battery's main cables when it' connected to any compatible Bassi charger.

MANAGEMENT & CONTROL

The data sent by the module enables optimal charge control with temperature compensation, scheduled equalizing cycles and the ability to control automatic battery watering systems (system and solenoid required).

PROTECTION & DURABILITY

The data sent is also used to protect the battery: scheduled equalizing cycles prevent cell debalancing and temperature compensation with controlled water filling to prevent overheating. Also, in certain cases the battery's warranty can be extended when a BMOD-R is installed!

STATISTICS & REPORTS

Bassi chargers display the BMOD-R's data as soon as a battery is connected.
Pre-charge: Identification, capacity, voltage, chemistry and starting current.
Charging: Temperature and water level
After the charge: Number of cycles and choice of equalizing.

Connect the charger to a computer via USB to download the data and produce detailed reports.

COMPATIBLE CHARGERS:

FLEXXX HFM 38   **FORZA** 712   **OMNI** IHF 38   **LOGIK** MHF 68

LIGHT STATUS

BATTERY OK – STATE OF CHARGE DETECTION		
BATTERY MODULE STATUS LED	**BLINK FREQUENCY**	**DESCRIPTION**
Green	Low	Battery ok – state of charge >75%
Green	High	Battery ok – state of charge 50<>75%
White	High	Battery ok – state of charge 25<>50%
White	Low	Battery ok – state of charge <25%

BATTERY – WARNING STATE		
BATTERY MODULE STATUS LED	**BLINK FREQUENCY**	**DESCRIPTION**
Red	Low	Battery warning – Low voltage
Yellow	Low	Battery warning – Low temperature
Cyan	Low	Battery warning – Cells voltage unbalanced *optional

BATTERY – ALARM STATE		
BATTERY MODULE STATUS LED	**BLINK FREQUENCY**	**DESCRIPTION**
Red	High	Battery alarm – Hight voltage
Yellow	High	Battery alarm – Hight temperature
Blue	High	Battery alarm – Low level electrolyte

BATTERY MONITOR – FAULT STATE		
BATTERY MODULE STATUS LED	**BLINK FREQUENCY**	**DESCRIPTION**
No lighting	Nothing	Battery monitor not installed properly or failed
Purple	High	Battery monitor – Not programmed
Cyan	High	Water and temperature sensor not installed properly or failed