

## Battery Monitor-Watch

"iesy" introduces the revolutionary Battery Watch, a smart piece of equipment which monitors the status of the battery and displays it in an intelligent way. The smart design with a minimum of components gives a broad range of information at the glance of an eye.

If the Battery Watch is connected to a voltage between 7 and 32V, it will detect the battery voltage before displaying the status of the battery.

At start-up the red LED is activated as a sign of power up. After half a second the system is ready with the initialisation and processing the necessary data to choose the battery system.

After initialisation the Battery Watch checks the battery voltage and displays this with help of three LED's and a buzzer as following:

### LED's 12V

voltage is higher than 14,8 Volt (default) => BUZZER and walking light  
 voltage is higher than 13,3 Volt => green/yellow/red ( WALKING LIGHT )  
 voltage is higher than 12,4 Volt => green  
 voltage is higher than 11,6 Volt => green/yellow  
 voltage is higher than 11,1 Volt => yellow  
 voltage is higher than 10,9 Volt => yellow/red  
 voltage is higher than 10,5 Volt => red  
 voltage is lower than 10,5 Volt (default) => ALARM (LED's & BUZZER)

- With 24V => duplicate values accordingly as mentioned above.

## Series iesy BW-01 & BW-02 (LED)

### Battery Watch Monitor



With alarm "Buzzer"

iesy BW-01 & BW-02 (Splash proof)  
 BW01: 65x65x25mm & BW02: Ø 35mm (M32/T=20mm)  
 (BW-01: L x B x H inkl. 6,3 mm / 2.5 inches (Flat blade)  
 Weight: BW-01: 45 g & BW-02: 40 g

## Battery Monitor Watch (panel mounting) 12/24V auto detect, for 2 batteries

The iesy BW03 is a smart battery meter that can measure and display the voltage of one or more batteries. It can also generate an alarm from under-and over-voltage difference.

### Features

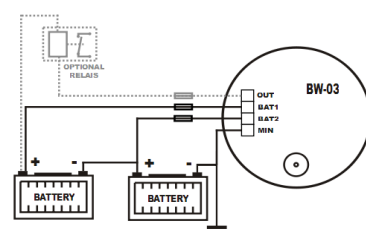
- Low mounting depth
- Several battery monitoring
- Programmable
- Very low power consumption
- Latching alarm output
- Auto Voltage Detection
- Power-Save mode
- Easy Installation
- Water resistant to top
- Software is completely customizable to client needs (in numbers)

### Connecting

A total of 5 different battery configurations are possible on the BW03.

These are:

1. 1x 12V
2. 1x 24V
3. 2x 12V
4. 2x 24V
5. 1x 12V & 1x 24V



## Series iesy BW-03 (Display)

### Battery Watch Monitor



With alarm "buzzer"

iesy BW-03 (splash proof)  
 BW-03: Ø 60mm (M55 / T = 20mm)  
 Weight: 70 g



Display: Red or Green

## Universal Battery Alarm with buzzer and alarm contact or Start-Stop system for generator / aggregate

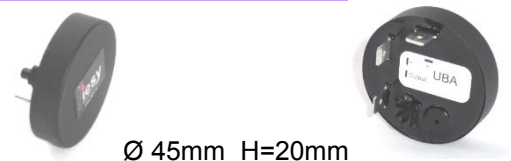
The "iesy" UBA has 3 main programs with buzzer and alarm contact for example, electric vehicles from 12V or 24V.

The first two programs to "remember" the consumer to recharge the battery from the electric vehicle. The third program is meant as a universal under voltage alarm for 12V or 24V systems.

**START-/STOP** system for a generator. Through the alarm output from the UBA, it is possible to connect for example a generator or battery charger. In case of under voltage, it will start and if the battery is full, stopped.

## Series iesy UBA

### Universal Battery Alert



Ø 45mm H=20mm

Specials and/or private label on request / For more information see Manuals