

Code: IPS-BB-24-LED

## BATTERY EQUALIZER/BALANCER **IPS-BB-24-LED**

The IPS-BB-24-LED is a voltage equalizing device for AGM, GEL, VRLA batteries of 12V that are connected in series, for example, in 24V, 36V, 48V configurations.

Equalizing the voltage on the batteries during operation extends battery life. Balancer starts equalizing voltage as low as 20mV difference.

LED charge indicators allow you to check the energy in your batteries.



Operation voltage:	24 V DC ( 2 x 12 V DC )
Trigger threshold:	20 mV
Rated current:	0 ... 5 A
Current consumption:	< 3 mA
Battery type:	AGM, GEL, VRLA
Nominal work system:	24 V DC - 1 pcs
Extra work system:	36 V DC - 2 pcs, 48 V DC - 3 pcs
Operation state indication:	LED diodes
Battery charge level:	LED : 25 %, 50 %, 75 %, 100 %
Protections:	<ul style="list-style-type: none"> <li>• Protection against reverse polarity connection</li> <li>• Protection against deep discharge of the battery : 10 V</li> </ul>
Main features:	<ul style="list-style-type: none"> <li>• Equalization of battery voltage during operation (e.g., in campers, yachts, photovoltaics)</li> <li>• Extend the life of the battery</li> <li>• LED indication</li> </ul>
Cables description:	<ul style="list-style-type: none"> <li>• Red : 24 V positive pole</li> <li>• White : 24 V middle connection point of two batteries ( positive pole / negative pole )</li> <li>• Black : 24 V negative pole</li> <li>• Length of the cables : 30 cm</li> <li>• Connectors : M10</li> </ul>
Weight:	0.18 kg
Dimensions:	78 x 78 x 28 mm



# DATA SHEET

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Manufacturer / Brand:	IPS
Guarantee:	2 years

