

Code: IPS-BB-48

## BATTERY EQUALIZER/BALANCER **IPS-BB-48**

The IPS-BB-48 is a voltage equalizing device for AGM, GEL, VRLA, NiCd, NiMH, LiFePO batteries of 2.4V / 3.6V / 9V / 12V that are connected in series or parallel.

Equalizing the voltage on the batteries during operation extends battery life. Balancer starts equalizing voltage as low as 10mV difference.



Operation voltage:	<ul style="list-style-type: none"> <li>• 48 V DC ( 4 x 12 V DC )</li> <li>• 4 x 2.4 V / 3.6 V / 9 V / 12 V DC</li> </ul>
Trigger threshold:	10 mV
Rated current:	0 ... 10 A
Current consumption:	<ul style="list-style-type: none"> <li>&lt; 5 mA @ 12 V</li> <li>&lt; 1.2 mA @ 2.4 V</li> </ul>
Battery type:	AGM, GEL, VRLA, NiCd, NiMH, LiFePO <sub>4</sub>
Nominal work system:	48 V DC
Extra work system:	4 x 2.4 V / 3.6 V / 9 V / 12 V DC
Operation state indication:	—
Battery charge level:	—
Protections:	<ul style="list-style-type: none"> <li>• Protection against reverse polarity connection</li> <li>• Protection against deep discharge of the battery : 1.8 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>• Works with both series or parallel connection of batteries</li> </ul>



# DATA SHEET

Cables description:	<ul style="list-style-type: none"><li>• 4 x Red : positive pole</li><li>• 4 x Black : negative pole</li><li>• Length of the cables : 40 cm</li><li>• Connectors : M10</li></ul>
Weight:	0.448 kg
Dimensions:	129 x 69 x 28 mm
Manufacturer / Brand:	IPS
Guarantee:	2 years