



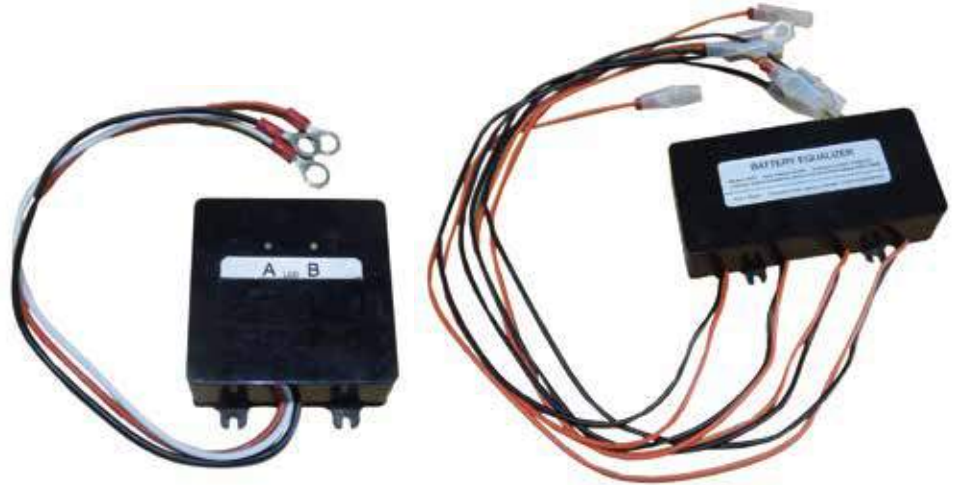
BATTERY CHARGERS

BATTERY EQUALIZER

FOR TRUCKS, BUSES, WHEELCHAIRS, GOLF CARTS, CLEANING MACHINES, SCISSOR LIFTS ...

APPLICATION

The battery equalizer is used for the batteries which are connected in series to keep the voltage of batteries are equal when the batteries are charging or discharging. When the batteries work in series connection, the batteries voltage maybe will be not same due to the difference of each cell chemical composition and temperature. And each battery's selfdischarge rate also different. So even when the batteries not work, their voltage of series batteries will be also different. These differences will cause battery lost balance, this means one battery is overloaded and the other is insufficiently charged. The voltage difference will be increased with the battery repeated charge-discharge process. This will result in premature failure of the batteries.



Reference	BAT/48325	BAT/48326
Battery voltage	2 x 12V	4 x 2,4-12V
Optimizing C	0-5A	0-10A
Dimensions	70 x 70 x 27 mm	62 x 124 x 27 mm
Net weight	0,2 kg	0,4 kg

The 48V battery equalizer (4x2,4V/3,6V/6V/9V/12V) is suitable for lead-acid batteries(VRLA), lithium iron phosphate batteries(LFP), nickel-cadmium secondary batteries(Ni/CD), and nickel-metal hydride secondary batteries(Ni/MH). It starts work when the voltage higher than 2.4V, it means that this equalizer can be used in a single cell battery range from 2.4V to 12V.

One equalizer can connect 4 batteries at once, if there are less than 4 batteries, the extra cable can be vacant (positive and negative terminal should be avoided), does not affect the equilibrium effects. The equalizer is not affected with battery connection way, no matter in series or in parallel, both can work.

