



# BATTERY CHARGERS

## BATTERY EQUALIZER

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

### APPLICATION

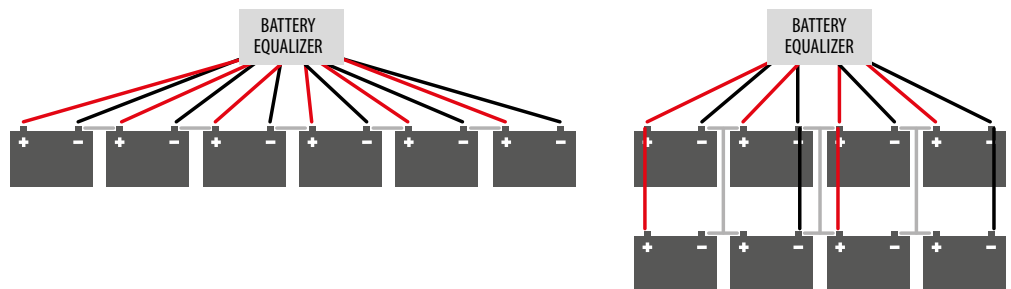
The battery equalizer is used for the batteries which are connected in series to keep the voltage of batteries are equal when the batteries are charging or discharging. When the batteries work in series connection, the batteries voltage maybe will be not same due to the difference of each cell chemical 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	BAT/48693
Battery voltage	2 x 12V	4 x 2,4-12V	6 X 2.4V/3.6V/6V/9V/12V
Optimizing C	0 - 5A	0 - 10A	0 - 10A
Dimensions	70 x 70 x 27 mm	62 x 124 x 27 mm	180 x 120 x 60 mm
Net weight	0,2 kg	0,4 kg	0,4kg

The 72V battery equalizer (6x2.4V/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 up to 6 batteries at once, if there are less than 6 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.



### ▶ BAT/35952: 12V - 5A

Automatic battery charger, suitable to charge 4 batteries simultaneously

Appropriate for maintenance charges, recovery charges and standard charges. For lead acid batteries: SLI, open lead-acid batteries, maintenance-free batteries (MF), AGM-batteries and GEL batteries, ...

- Microprocessor controlled.
- LED indication: red & green.
- Protected from: reversed polarity, sparks and overcharges.
- Stable output.
- Less warmth consumption.
- Input voltage: 220Vac-240Vac
- Output voltage: 12Vdc
- Size: 350 x 190 x 75 mm