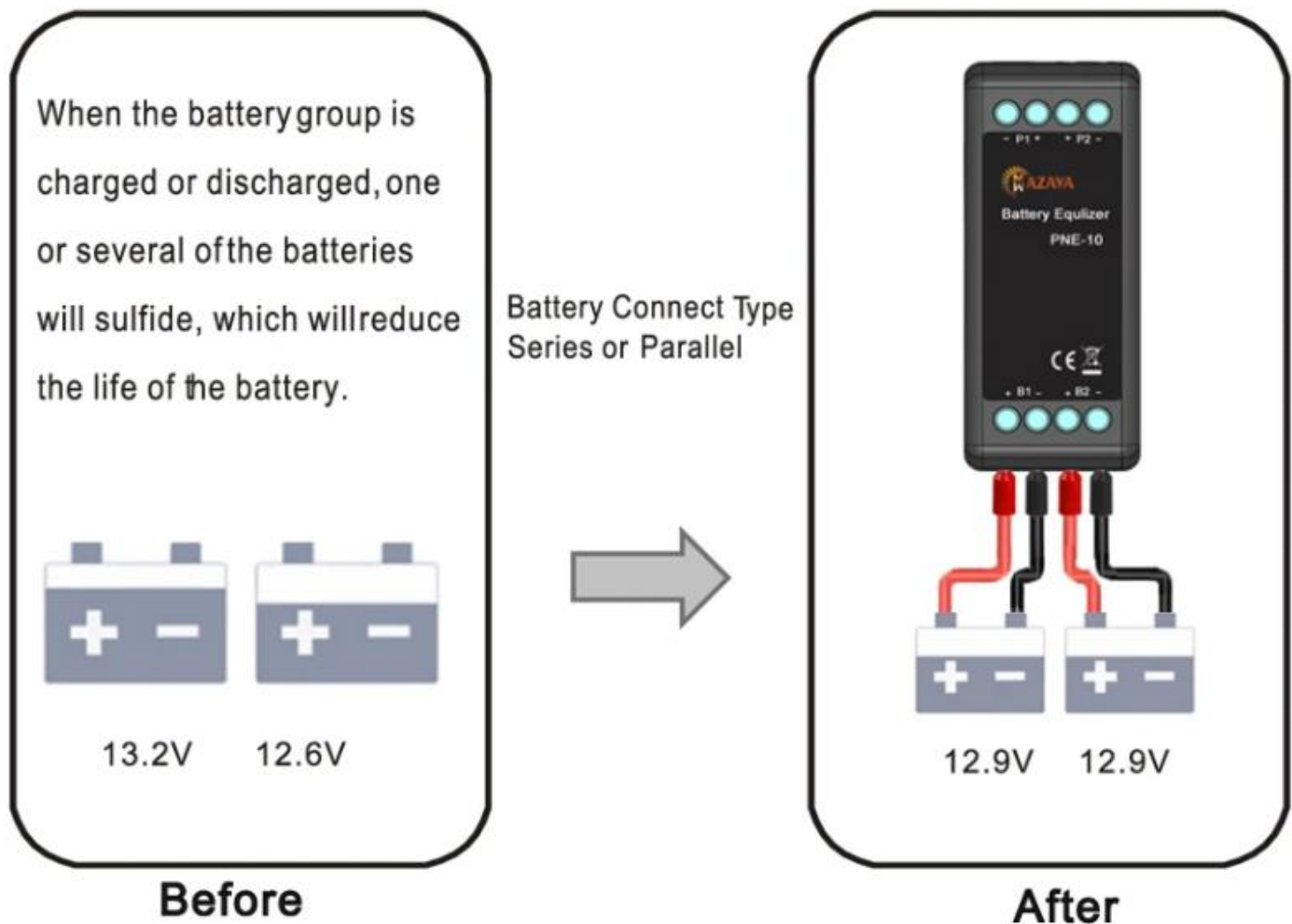


How Does the Mazava® battery equalizer works?

Mazava® battery equalizer is an energy transfer equalizer that can compensate the battery in both directions. When the voltage difference between the batteries connected in series exceeds 10 millivolts, the battery equalizer starts to work, and the current will flow from the higher voltage battery to the lower voltage battery. The low battery will eventually balance the battery. It can be connected to the battery connected in series for a long time to automatically maintain the battery balance without maintenance.



How to Connect Mazava® battery equalizer?

Mazava® battery equalizer is suitable for lead-acid batteries, Li-ion Battery batteries, Lithium iron phosphate Batteries, nickel-cadmium or nickel-hydrogen batteries. It can work when the voltage is higher than 2V, that is, the battery equalizer can be used for batteries with a single battery in the range of 2V-18V, and any number of batteries can be connected in parallel or series.

The battery equalizer can be installed in multiple parallel connections, and can be used with 48V 60V 72V 96V 110V 220V 240V batteries. Each battery equalizer corresponds to 2 batteries. Rail-type buckle installation, can easily install the module in the distribution box.

Two pairs of battery connection terminal wires and one pair of parallel wiring are included in the product package, which is convenient for customers to install quickly.

2pcs 4pcs 8pcs Batteries Work Table

2pcs Batteries Connect

Battery Type	Battery Voltage						
Lead-acid Battery	Single battery Voltage	2V		6V		12V	
	Connect Type	2P	2S	2P	2S	2P	2S
	Group Volatge	2V	4V	6V	12V	12V	24V
LiFePO4 Battery	Single battery Voltage	3.2V		6.4V		12.8V	
	Connect Type	2P	2S	2P	2S	2P	2S
	Group Volatge	3.2V	6.4V	6.4V	12.8V	12.8V	25.6V
Lithium ion Battery	Single battery Voltage	3.7V		7.4V		11.1V	
	Connect Type	2P	2S	2P	2S	2P	2S
	Group Volatge	3.7V	7.4V	7.4V	14.8V	11.1V	22.2V

4pcs Batteries Connect

Battery Type		Battery Voltage					
		Single battery Voltage	2V		6V		12V
Lead-acid Battery	Connect Type	4P	4S	4P	4S	4P	4S
	Group Volatge	2V	8V	6V	24V	12V	48V
LiFePO4 Battery	Single battery Voltage	3.2V		6.4V		12.8V	
	Connect Type	4P	4S	4P	4S	4P	4S
	Group Volatge	3.2V	12.8V	6.4V	25.6V	12.8V	51.2V
Lithium ion Battery	Single battery Voltage	3.7V		7.4V		11.1V	
	Connect Type	4P	4S	4P	4S	4P	4S
	Group Volatge	3.7V	14.8V	7.4V	29.6V	11.1V	44.4V

8pcs Batteries Connect

Battery Type		Battery Voltage					
		Single battery Voltage	2V		6V		12V
Lead-acid Battery	Connect Type	8P	8S	8P	8S	8P	8S
	Group Volatge	2V	16V	6V	48V	12V	96V
LiFePO4 Battery	Single battery Voltage	3.2V		6.4V		12.8V	
	Connect Type	8P	8S	8P	8S	8P	8S
	Group Volatge	3.2V	25.6V	6.4V	51.2V	12.8V	102.4V
Lithium ion Battery	Single battery Voltage	3.7V		7.4V		11.1V	
	Connect Type	8P	8S	8P	8S	8P	8S
	Group Volatge	3.7V	29.6V	7.4V	59.2V	11.1V	88.8V

Specification

Model No	PNE-10
LED Indicator	None
Rated Voltage Scope	2-18V
Optimizing Current	0-10A
Quiescent Current	5mA
Connection method	Parallel Connect or Series Connect
Multi-module parallel connection	Support
Product Size	85*75*30mm
Product Weight	245g

