

PRODUCT INTRODUCTION

Battery Equalizer--Your Battery Protector

Product Introduction

HA02 Energy transfer battery equalizer, which can be used for 2.4-12V batteries in series or in parallel to keep battery bank voltage balance.

When battery banks are in charging/discharging/free status, batteries voltage will have difference, which may cause one of batteries fail prematurely.

It will start to work when it detect there are 10mV voltage difference between four batteries. It will transfer energy from the higher voltage battery to the lower one until same totally.

Battery equalizer will improve battery's performance and extent battery's using time.



Product Features

- » Apply to any n*(2.4V/3.6V/6V/9V/12V) battery banks;
- » Energy transfer type equalizer, fast balance speed and low consumption;
- » IP67, waterproof and moisture-proof;
- » No need of external power supply or extra maintenance;
- » Reverse polarity protection, safe and reliable.

Technical Specification

Battery nominal voltage	4* (2.4V/3.6V/6V/9V/12V)
Optimizing current	0-10A
Dimensions	62*124*27 mm
Protection	Reverse polarity protection
Under voltage lock out	1.8V

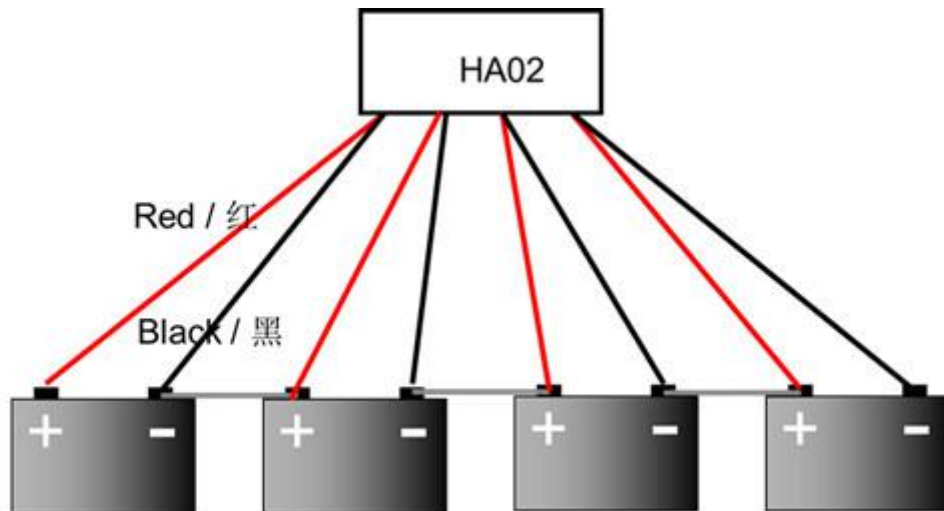
INSTALLATION

Connect it as the following order:

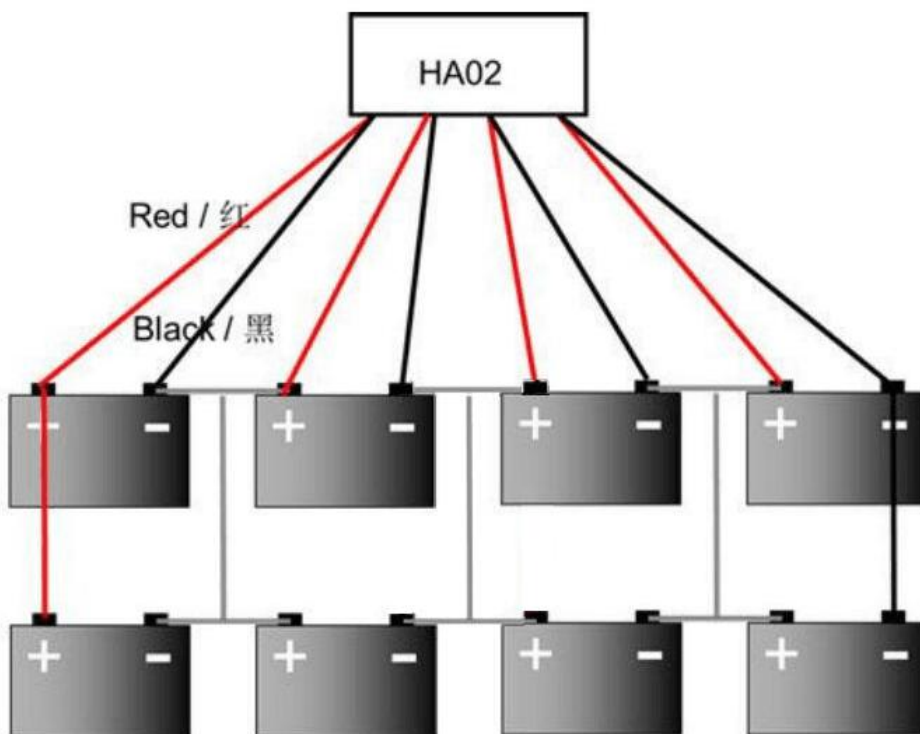
- 1.Red cable connect positive/+ pole. Black cable connect negative/- pole
- 2.Connect the batteries as the pictures

You can connect all + pole firstly,and then - pole to avoid short circuits.

- Note:** 1.If there are extra cables, please leave the tubes of the terminals on it to avoid short circuits.
2.Please avoid any of the 8 terminals touching each other.



4 batteries in series



4 batteries in series and 2 banks in parallel