

BE-101

介绍:

当两个电池串联工作时,由于电池的化学成分和温度不同,电池电压可能会不同。所以在放电时,电压低的电池会优先放电结束;在充电时,电压高的电池又会优先充电完成;随着电池组的反复充放电过程,电池之间的电压会逐渐增大,使电池组失去平衡降低使用寿命,过早失效和损坏。BE101电池均衡器使用于串联的电池组上,当两节电池电压之间大于60mV,会自动启动均衡动作并将电池电压进行平衡。产品24小时与电池连接,可让电池在充放电时自动保持系统能量平衡,从而延长电池使用寿命。

BE-101电池均衡器除均衡电压功能外,还具备欠压报警、电量显示的功能设计,让用户直观观察电池状态。产品主要用于铅酸电池(VRLA)串联环境,均衡器不受电池连接方式影响,串联或并联均可工作。

When two batteries work in series,the battery voltage may be different due to the different chemical composition and temperature of the battery .

Therefore,when discharging,the battery with low voltage will give priority to the end of discharge;when charging,the battery with high voltage will give priority to charging completion; with the repeated charging and discharging process of battery pack,the voltage between batteries will gradually increase,making the battery pack lose balance,reduce the service life ,and premature failure and damage. BE101 battery equalizer is used in series batteries.When the voltage between the two batteries is greater than 60mV,it will automatically start the equalization action and balance the battery

voltage.The product is connected with the battery for 24 hours, which can automatically keep the balance of the system when the battery is charged and discharged, so as to prolong the service life of the battery.

The be-101 battery equalizer not only has the function of equalizing voltage,but also has the function design of under voltage alarm and electric quantity display,so that users can observe the battery state intuitively. The product is mainly used in lead-acid battery (VRLA)series environment. The equalizer is not affected by the battery connection mode,and can work in series or in parallel.

规格参数 specification parameters

电池额定电压
battery rated voltage 24V(12V*2)

工作电流
working current 0-5A

待机电流
standby current \leq 3mA

工作温度
working temperature -20°C~+65°C

产品尺寸
product size 78*78mm

连接线
connecting line 长35cm 端子 \varnothing 8mm

产品图片
product pictures



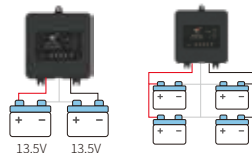
界面说明
Interface description



- ①均衡工作状态
A代表高电压组
B代表低电压组
- ②欠压状态警示区
A代表高电压组欠压
B代表低电压组欠压
- ③产品型号
- ④LED电量指示
- ⑤LE开关

- ①Balanced working state area
A stands for high voltage group
B stands for low voltage group
- ②Under voltage warning area
A represents under voltage of high voltage area
B represents under voltage of low voltage group
- ③ Product model
- ④ LED power indicator
- ⑤ Le switch

连线图示
Connection pictures

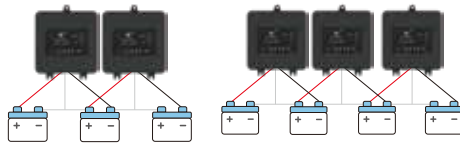


(24V 电池组 24V battery pack)

说明事项

Notes

1. 黑色线连接串联电池组的负极
The black wire is connected to the negative pole of the series battery pack
2. 白色线连接两个电池的中间连接点
The white wire connects to the middle connection point of the two batteries
3. 红色线连接串联电池组的正极
The red wire is connected to the positive pole of the series battery pack



(36V 电池组 36V battery pack)

(48V 电池组 48V battery pack)

注意事项
attentions

1. 请阅读说明书再安装设备
Please read the manual before installing the equipment
2. 接入均衡器钱, 请先确认电池组的正负极
Before connecting the equalizer, please confirm the positive and negative poles of the battery pack
3. 避免均衡器接线端之间短路和反接
Avoid short circuit and reverse connection between equalizer terminals