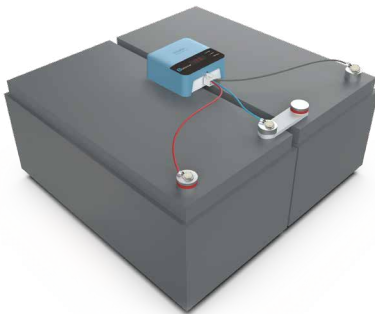




### Voltage Balancer between two batteries



## Battery Management

# Battery Guard Balancer

Battery Guard Balancer is equipped with the same function as Battery Guard Kit. Battery Guard Balancer is an economical version for 24Vdc battery system.

Battery Guard Balancer will automatically trigger balancing when midpoint deviation voltage of two batteries is greater than 200mV and both of battery voltage is greater than 13.2V. It will stop balancing when both of battery voltage is less than 13V or deviation voltage is less than 50mV.

- One unit for two 12V batteries connected
- Voltage and temperature display
- Over voltage and under voltage alarm
- Over temperature alarm
- Can be paralleled for multiple strings of 24V battery system

Model No.	24V-Balancer
Voltage range (V)	23~34
Maximum equalization current (mA)	200
Alarm trigger high level (mV)	250
Alarm trigger low level (mV)	100
Over voltage alarm	Yes
Over temperature alarm	Yes

### Others

Display	Digital tube+LED
Communication	RS485
Dimension (mm)	85*85*35
Operating temperature	-25°C ~ +60°C
Humidity (non condensing)	95%
Weigh (kg)	0.2
Protection category	IP22
Cooling	Natural Cooling

### Standards

Safety regulation	EN60950
Emission, Immunity	EN61000-6-3, EN55014-1, EN61000-6-1, EN61000-6-2, EN55014-2