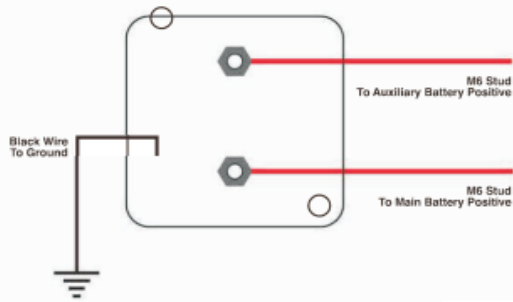


WIRING INSTRUCTIONS

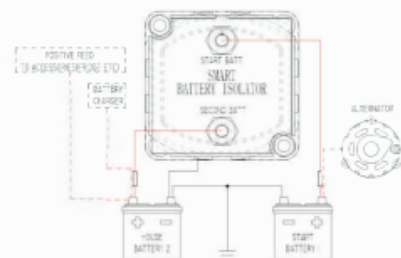


TECHNICAL SPECIFICATIONS

VOLTAGE	12V
CHARGING CURRENT	90-120AMP CONTINUOUS, 160AMP PEAK
CURRENT DRAW	CHARGING 330mA, STANDBY 1mA
CUT-IN VOLTAGE	13.3V
CUT-OUT VOLTAGE	12.7V
CUT-OUT DELAY	3-5 SECONDS
PROTECTION	SURGE (SPIKE)
IP RATING	IP 67

PolarPlus+

SENSITIVE RELAY INSTRUCTIONS



Operating Manual

1. Manual and auto modes

- ① Long press the "Select" button for 3 seconds - the blue (LED) indicator will be ON, the manual mode is on.
- ② Long press the "Select" button for 3 seconds - the blue (LED) indicator will be OFF, the auto mode is on.

2. Manual state use function

The blue indicator light is ON, press the button each time, you can complete the circuit connection and disconnection. The circuit switched on the red indicator, the voltmeter lights up at the same time. The circuit disconnect red indicator light, the voltmeter goes out at the same time.

3. Automatic state use function

- ① When the input voltage exceeds 13.3V, the circuit will be connected automatically. The voltmeter and red (LED) indicator will also be ON.
- ② When the input voltage drops to 12.7V, the circuit will be disconnected automatically. The voltmeter and red (LED) indicator will also be OFF.

4. High & low pressure protection

- ① When the input voltage reaches lower than 11V, the circuit will be disconnected automatically to protect the main battery from over discharging.
- ② When the input voltage reaches more than 17V, the circuit will be disconnected automatically to protect the main battery from over discharging.

5. Voltmeter display

- ① If two batteries are connected, then the voltage displayed on the voltmeter is the battery that has higher voltage.
- ② Only connect the battery that you would like test the voltage and disconnect the other battery.
- ③ When the voltmeter is not working, press the button once, the voltmeter will display the value for 2 seconds.