



- 1. Load wires:** Ensure these are connected correctly. **Red positive wire** to the + on the battery/pc terminal, **Black negative wire** to the - on the battery pc terminal (**cross wiring these will destroy the regulator**).
- 2. Battery wires:** Ensure these are connected correctly. **Red positive wire** to the + on the battery terminal, **Black negative wire** to the - on the battery pc terminal (**cross wiring or touching wires together will destroy the regulator**).
- 3. Solar wires:** Connect the **Red positive wire** to the + on the solar panel terminal block, **Black negative wire** to the - on the solar panel terminal block (**cross wiring or touching wires together will destroy the regulator**).

Solar regulator LED summary

Charge light on: Battery is currently being charged

Charge light off: Battery fully charged

Over-discharge light on: low voltage level below 21v, check the battery voltage or possible internal regulator damage.