



**Wiring Diagram for chk12170**  
(Battery and Load not included)

If the full protection function of the controller is not required, the load could be connected directly to the battery.

The load is represented by a lamp, but it could be anything with the appropriate power consumption. For example, an inverter with a continuous load of up to 240 W. (This corresponds to a load current of about 20 A.)

**PLEASE NOTE:**

If the load is earthed, e.g. at the negative input of an inverter, do not Earth any other point on the circuit.

The negative terminals are not common on this type of controller.