

180 W PV panel

180 W PV panel

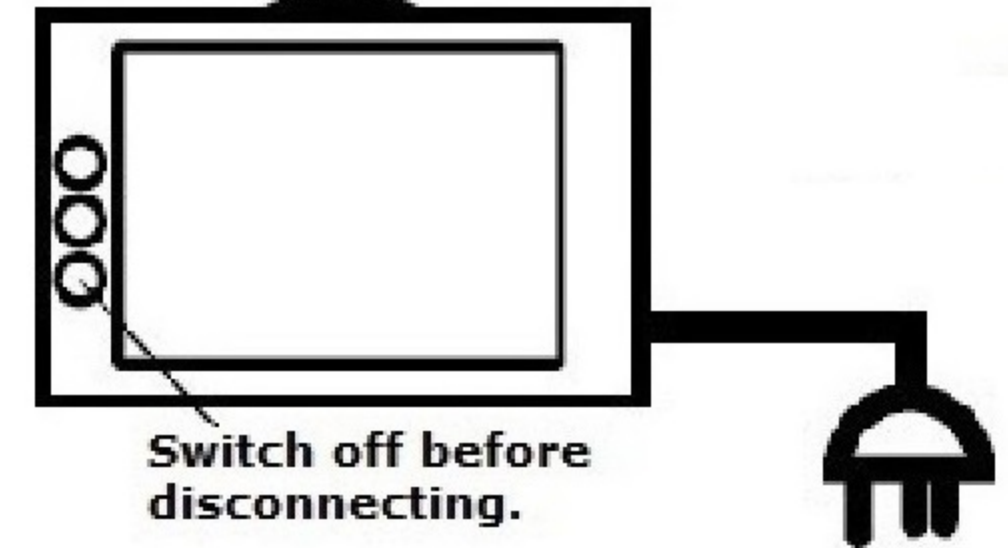
180 W PV panel

Panels must be set up permanently to avoid battery sulphation

Example Loads (Not Included)

with maximum run times

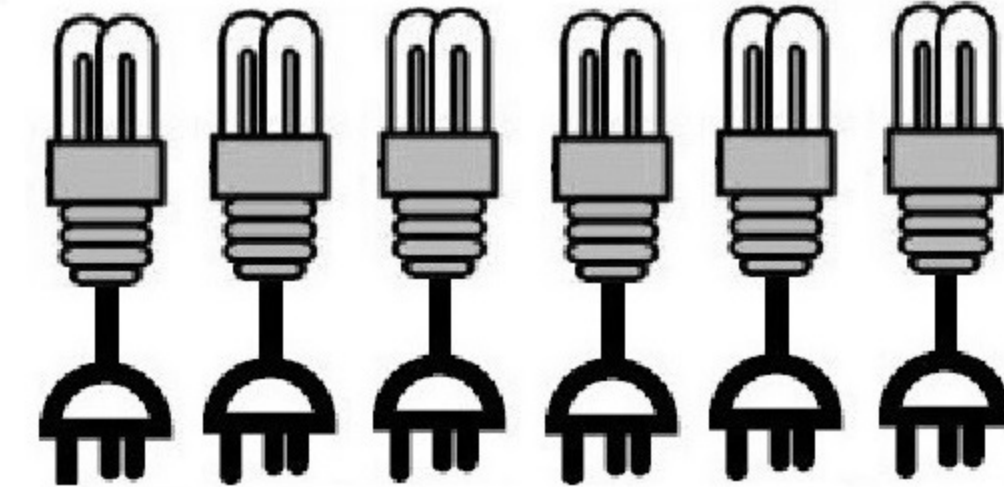
In Summer, 120 W TV for 9 hours / day



Switch off before disconnecting.

OR

In summer, 6 low energy mains lamps for 18 hours / day

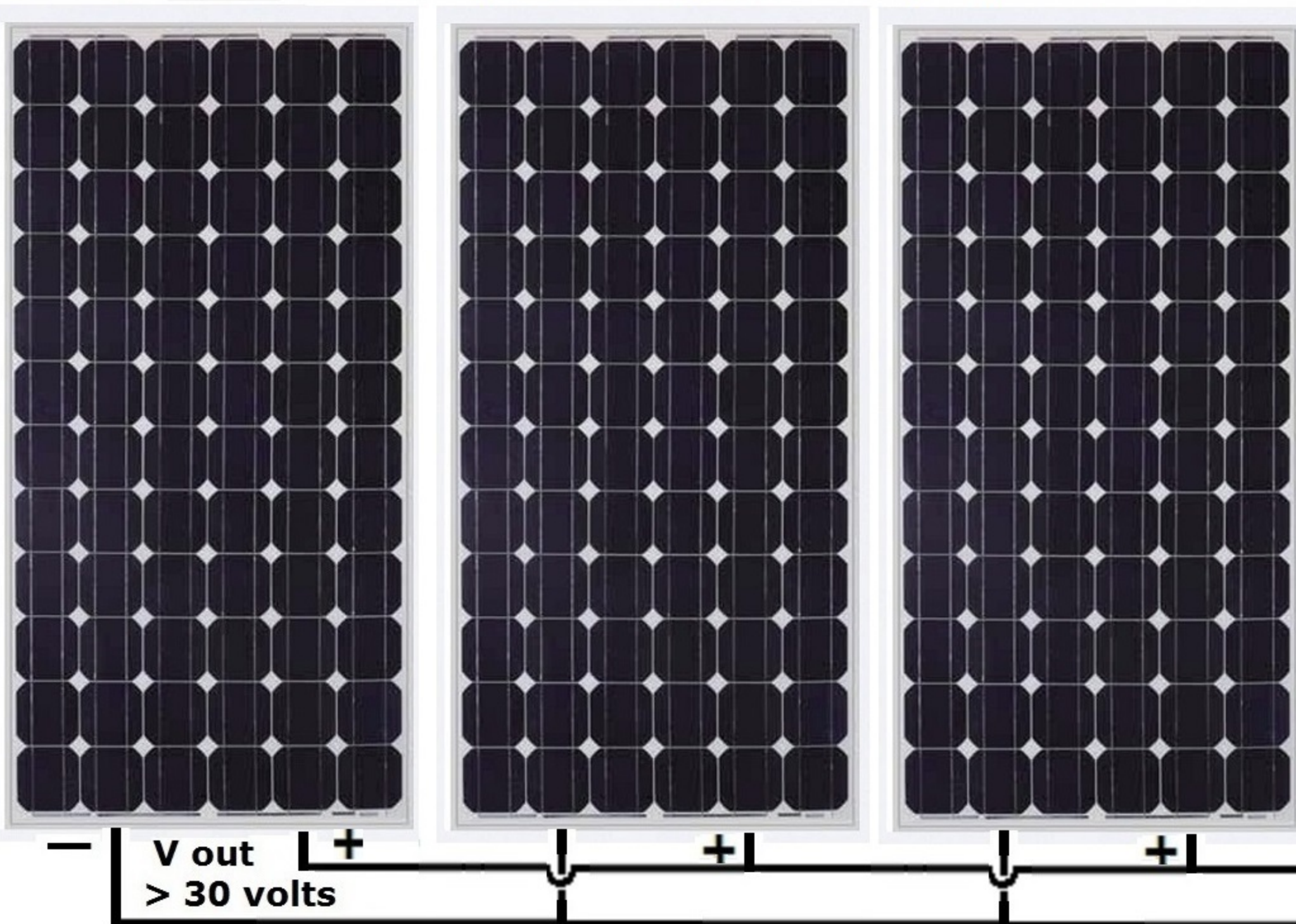


230 v AC

Twin Sockets

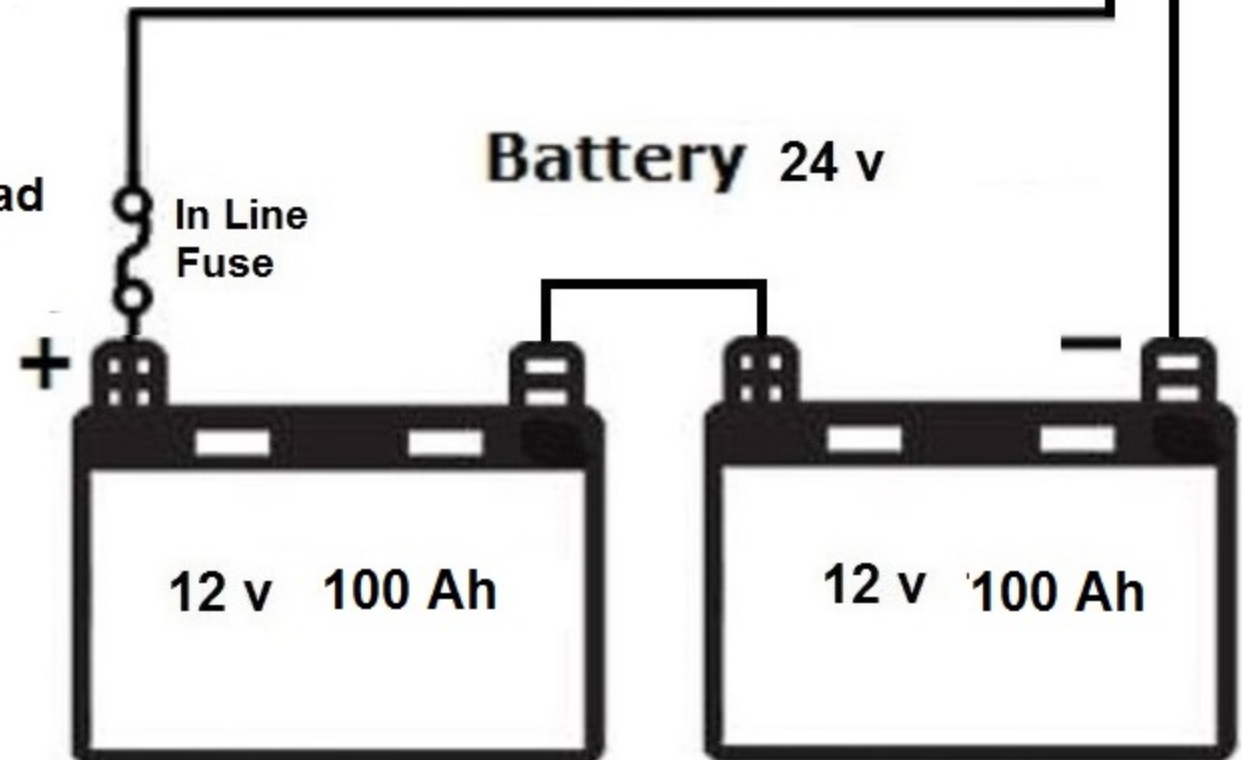
In line RCD

20 A Charge Controller



V out > 30 volts

Battery 24 v



600 W Power Inverter

Fuse Internal-->

Wiring Diagram for sps24540

If the full protection function of the controller is required, the load power should not exceed 480 W continuous. (This corresponds to a load current of about 20 A.) In this case remove the crocodile clips at A and B.

Higher loads can be used for short periods by connecting the inverter directly to the battery.

Note that a higher load will discharge the battery rapidly and you may need to recharge it with a mains charger.

PLEASE NOTE:

If required, use the Inverter Earth Terminal. Do not Earth any other point on the circuit.

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