



## How to test a solar panel

To test a solar panel, the solar panel must be in full sun (preferably in the middle of the day), you will also require a multi meter and a battery (the battery in your gate operator will do). Do not proceed if you're not confident using a multi meter.

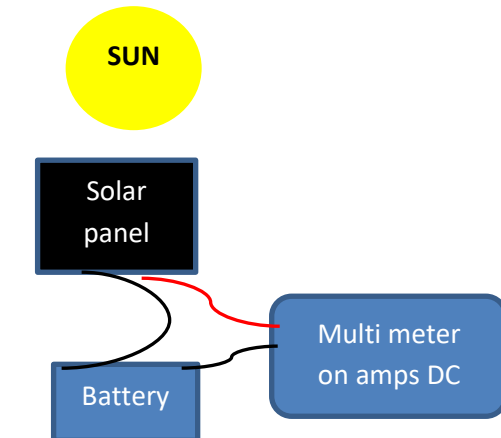
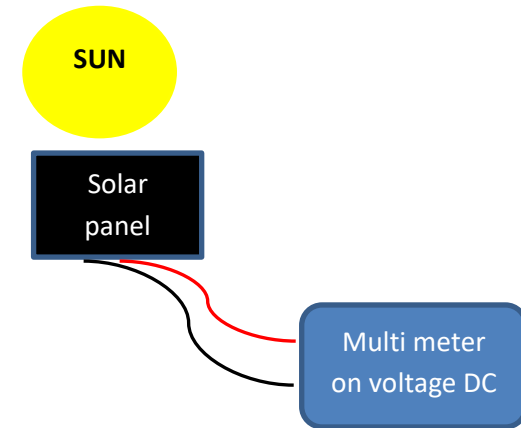
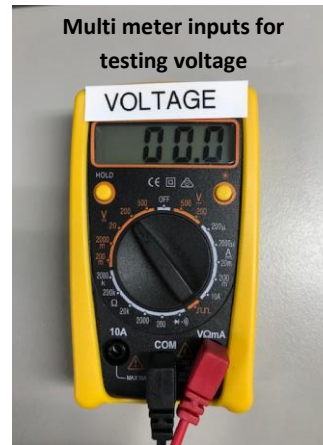
If the day is overcast it won't give you a true reading.

Do a visual inspection of the cable from the solar panel to the gate operator.

**Disconnect** one of the solar panel wires at the solar input terminal block located near the plastic cams.

**Testing Voltage.** Turn on your multi meter to voltage DC and place the **red (positive) probe** on the red or brown wire from your solar panel and your **black (negative) probe** on the black or blue wire. The multi meter should read over 18 volts.

**Testing the amps.** Turn on your multi meter to amps DC (10A) and move the **red probe** to the 10A port on the multi meter. Connect black or blue wire from your solar panel to the negative terminal on the battery. The multi meter **black probe** to the positive terminal on a battery and the **red probe** to the red or brown wire from the solar panel. The multi meter should read over 0.4 amps.



Solar input