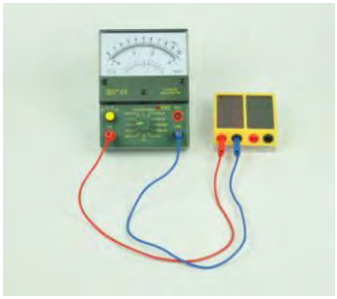
PARALLEL CONNECTION OF SOLAR CELLS

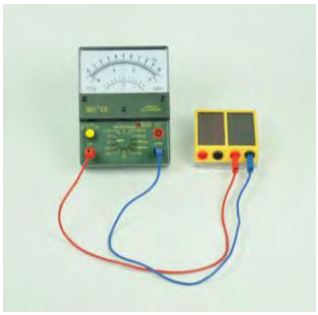
AES 6.3

- Set a measuring range of 3V (DC) on the meter
- Measure voltage and current at the left solarcell



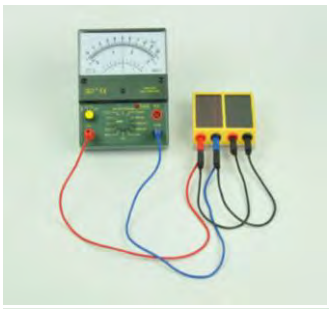
- Read off the measured value and transfer it into the chart

- Measure voltage and current at the right solarcell



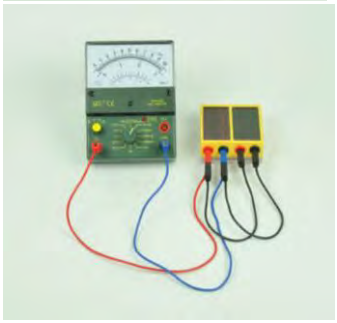
- Read off the measured value and transfer it into the chart

- Connect both solarcells in parallel through two cables (black, 25cm)



- Read off the voltage and transfer it into the chart
- Remove cables from the meter

- Set a measuring range of at least 200mA (DC) on the meter
- Connect cables again (use the correct plugs!)



- Read off the current and transfer it into the chart

Analyse the measured values.

Conclusion:
If both solarcells are connected in parallel, the voltage is an arithemtic average of the single solarcells.
The values of the current get summated.

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