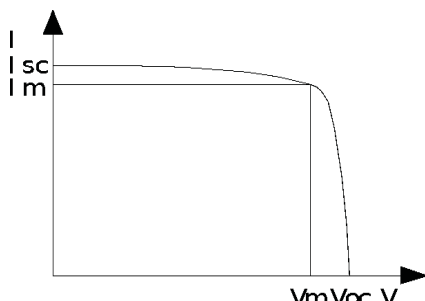


No. 2201978 // YH-36X56 // 56 x 36 mm



Legend

- Output characteristic curve
- I<sub>sc</sub> - Short circuit current
- I<sub>m</sub> - Current at maximum power output
- V<sub>oc</sub> - Open circuit voltage
- V<sub>m</sub> - Voltage at maximum power output

The solar cell can generate a wide range of voltages (V) and currents (I). As the resistance of the connected electrical load increases continuously, from zero (a short circuit) to an extremely high value (an open circuit), the maximum power output can be determined.

The power output can be calculated by the measured output voltage and current. At maximum power output, the voltage is V<sub>m</sub> and the current is I<sub>m</sub>.

The maximum power output of a solar panel varies with the variation in lighting.

**Technical data**

V <sub>m</sub> .....	0.5 V
I <sub>m</sub> .....	200 mA
Dimension .....	56 x 36 mm
Weight .....	3.78 g
Operation environment.....	Outdoors: -20 to +80 °C