

Solar Modules 220 - 250 Watt



Engineered in Europe Manufactured in Kenya

In 1 day the earth receives enough radiation from the sun to cover our global energy consumption for a full year. So let's use it!

Our high-performance solar modules are designed by our Dutch mother company Ubbink for optimal yield and return-on-investment.

Ubbink solar modules are manufactured in our own production facility in Naivasha, Kenya. The use of European production knowledge and carefully selected components like European Solar Cells are the foundation for a top quality solar module.

Electrical Properties at STC*				
Model = Pmax	220 Watt	230 Watt	240 Watt	250 Watt
Current maximum powerpoint Impp	7.6A	7.9A	8.3A	8.6A
Voltage maximum powerpoint Vmpp	29.0V			
Open circuit voltage Voc (STC)	36.0V			
Short circuit current Isc	8.7A	9.1A	9.5A	9.9A
Operating temperature	-40°C to 85°C			
Maximum system voltage (V)	715V			
Power tolerance	±3%			
Diode	3 x 10A			

***STC (Standard Test Condition):**

- Irradiance 1000 W/m²,
- Module temperature 25°C
- Spectrum AM 1.5

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QS-004-1-0513



ISO 9001 Certified

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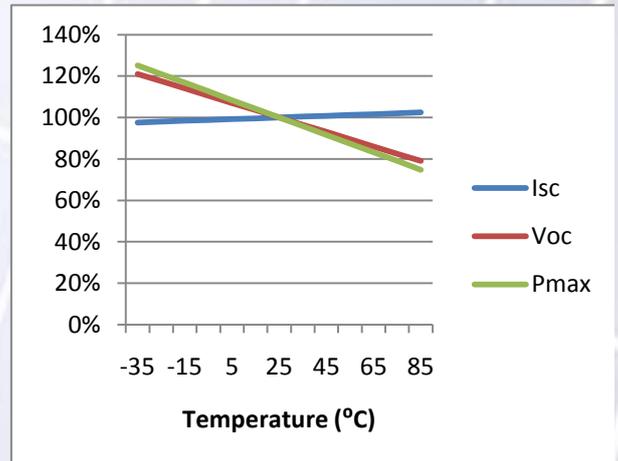
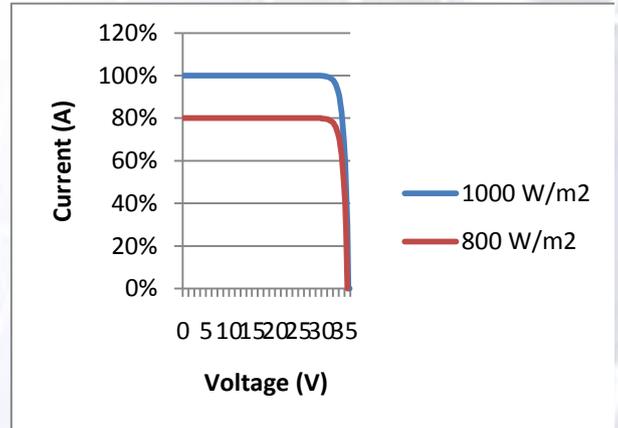


Warranty	
Model	220 – 250 Watt
Product Warranty	10 years
Output Warranty	25 year Linear warranty (1 st year 97%, after 2 nd year 0.7% annual degradation, 80% after 25 years)

Mechanical Properties	
Model	220 – 250 Watt
No. of cells	60 (6x10)
Cell type	Polycrystalline cell
Module dimensions (a)x (b)	990 x 1660 mm
Distance mounting hole (c) – (d)	150-250-860-250-150 mm
Weight	18.7kg

Output Terminal	
Model	220 – 250 Watt
Output Terminal	Junction box IP65 with male/female connection
Cable	4mm ² - 10A - 1000V

Characteristic Curves



Physical dimensions

