

## Solar Module

### Power MAXIM-60

330 Wp mono silver

325 Wp mono black



Eine Marke von  
**SONNENKRAFT**

*SMART! Full power, no matter what happens!*

The intelligent Power MAXIM Plus photovoltaic module is the perfect solution for systems with potential shading, pollution or suboptimal orientation. Single-string connections and the clever Maxim can enable the control of every single cell row. The intelligent junction box is compatible with every inverter.

### *Advantages:*

- // Efficient: More efficiency thanks to 6-times optimization  
Single-string connection and Maxim junction box enable the regulation of every single cell row  
No loss of power because of shadowing
- // Easy: Compatible with every inverter  
No additional equipment necessary  
Module optimizes itself
- // Flexible: Can be installed with every orientation  
Suitable for all roofs
- // Durable: Elimination of Hot Spots  
optimized module degradation,  
module life-time is increased

**Full power,  
no matter  
what  
happens.**



POWER MAXIM-60

# KPV ME NEC 330 Wp mono silver

# KPV ME NEC 325 Wp mono black

## Module specifications

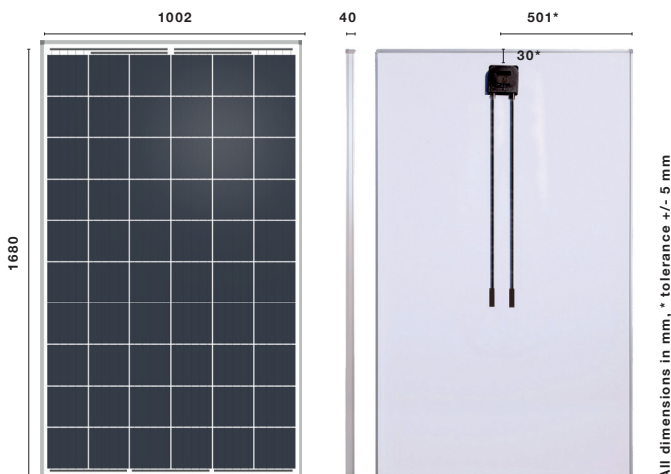
POWER Silver	P <sub>mpp</sub> [W <sub>p</sub> ]	U <sub>mpp</sub> [V]	I <sub>mpp</sub> [A]	U <sub>oc</sub> [V]	I <sub>sc</sub> [A]	efficiency rate	area per kWp
330 mono	330 Wp	33,97 V	9,77 A	35,0 V	10,17 A	19,60%	5,10m <sup>2</sup>
POWER Black							
325 mono	325 Wp	33,81 V	9,65 A	35,0 V	10,09 A	19,30%	5,17m <sup>2</sup>

## Electrical data

<b>60 crystalline cells</b>	158,75mm x 158,75mm
<b>Connecting System</b>	Maxim-Zerun, with original MC4 connectors
<b>Max. system voltage</b>	1000V DC
<b>Power tolerance</b>	(+5W/-0W) Measurement: STC (standard test conditions)
<b>Temperature coefficients</b>	P <sub>mpp</sub> -0,37 %/K U <sub>oc</sub> -90,7 mV/K I <sub>sc</sub> +2,85 mA/K
<b>Operation temperature</b>	+85°C up to -40°C
<b>Cable length</b>	2 x 1000mm
<b>Efficiency guarantee</b>	min. 97% in the first year, afterwards max. 0,70 % reduction p.a. up to 25 years
<b>Product guarantee</b>	12 years

## Technical data

<b>incl. aluminium frame</b>	1680mm x 1002mm x 40mm (+/-2mm)
<b>Weight with frame</b>	20,00kg
<b>Glass specification</b>	Solar glass Interfloat Deflect 3,2mm
<b>Certificate</b>	extended mechanical load test up to 5400Pa
<b>Extended hail test</b>	Grainsize 25 mm, max. velocity of 46 m/s (165,6 km/h) and Grainsize 55 mm, max. velocity of 33,5 m/s (120,6 km/h)
<b>Salt mist corrosion test</b>	A minimum of 96 hours continuous exposure to a highly concentrated salt mist
<b>Ammonia resistance</b>	1500h at 750ppm Ammonia concentration
<b>Packaging</b>	24 modules / pal., 720 modules / truck



- Intelligent junction box**
- // Regulation of every single cell row
  - // Compatible with every inverter
  - // No additional equipment necessary

