

Solar Module

Power MAXIM-60

330 Wp mono silver

325 Wp mono black

KIOTO
SOLAR

A brand of
SONNENKRAFT

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

KIOTO Modules of the MAXIM series aren't just intelligent, it is the perfect solution for systems with potential shading, pollution or suboptimal orientation. Single-string connections and the clever Maxim junction box 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



POWER-60 MAXIM

KPV ME NEC 330 Wp Maxim KPV ME NEC 325 Wp Maxim Black

Module specifications

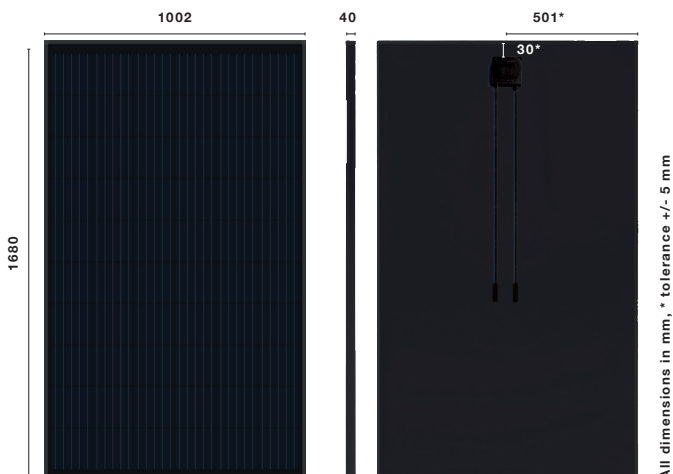
	P _{mp} [Wp]	U _{mp} [V]	I _{mp} [A]	U _{oc} [V]	I _{sc} [A]	efficiency rate	area per kwp
330 Wp Maxim	330 Wp	33,97 V	9,77 A	35,0 V	10,17 A	19,60%	5,10m ²
325 Wp Maxim Black	325 Wp	33,81 V	9,65 A	35,0 V	10,09 A	19,30%	5,17m ²

Electrical data

60 crystalline cells	158,75mm x 158,75mm
Connecting System	Maxim-Zerun, with original MC4 connectors
Max. output current in MPPT-mode	12 A
Max. output current in short circuit mode	4 A
Max. system voltage	1000V DC
Power tolerance	(+5W/-0W) Measurement: STC (standard test conditions)
Temperature coefficients	P _{mp} -0,37 %/K U _{oc} -90,7 mV/K I _{sc} +2,85 mA/K
Operation temperature	+85°C up to -40°C
Cable length	2 x 1000mm
Efficiency guarantee	min. 97% in the first year, afterwards max. 0,70 % reduction p.a. up to 25 years
Product guarantee	12 years

Technical data

incl. aluminium frame	1680mm x 1002mm x 40mm (+/-2mm)
Weight with frame	20,00kg
Glass specification	Solar glass Interfloat Deflect 3,2mm
Test certificate	Extended mechanical load test up to 5400 Pa
Extended hail test	Qualification for HW4
Salt mist corrosion test	A minimum of 96 hours continuous exposure to a highly concentrated salt mist
Ammonia resistance	1500h at 750ppm Ammonia concentration
Packaging	24 modules / pal., 720 modules / truck



Intelligent junction box

- // Regulation of every single cell row
- // Compatible with every inverter
- // No additional equipment necessary

