# **Solar Module**

**Power MAXIM-60** 330 Wp mono silver 325 Wp mono black



Full power, no matter

what

happens.

SMART! Full powes, no mattes 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





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# KPV ME NEC 330 Wp mono silver KPV ME NEC 325 Wp mono black

#### **Module specifications**

POWER Silver	<b>Pmpp</b> լաթ]	<b>Umpp<sub>[v]</sub></b>	<b>Impp<sub>[A]</sub></b>	<b>Uoc<sub>[v]</sub></b>	<b>Isc<sub>[A]</sub></b>	efficiency rate	<b>area per kWp</b>
330 mono	330 Wp	33,97 V	9,77 A	35,0 V	10,17 A	19,60%	5,10m²
POWER Black 325 mono	325 Wp	33,81 V	9,65 A	35,0 V	10,09 A	19,30%	5,17m²

## **Electrical data**

60 crystalline cells Connecting System	158,75mm x 158,75mm Maxim-Zerun, with original MC4 connectors
Max. system voltage	1000V DC
Power tolerance	(+5W/-0W) Measurement: STC (standard test conditions)
Temperature coefficients	Pmpp –0,37 %/K Uoc –90,7 mV/K Isc +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
Certificate	extended mechanical load test up to 5400Pa
Extended hail test	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)
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



The customer carries the sole responsibility the the goods ordered and delivered are suitable for his purposes. Applicational advices, whether verbal, in writing or by making tests are conducte to the best of KIOTO Photovoltaics GmbH's knowledge, whether verbal, in writing or by way of trials or otherwise, is provided to the best of our knowledge, but without any guarantee or liability. Special technical constructions may be subject to of ficial approval. The constructor or the client is responsible for obtaining such of ficial approval. The customer must bear any costs caused by changes or alterations because of special technical constructions, especially for tests or calculations. A project-related, static pre-dimensioning as well as the correct use of the glasses was not carried out or tested by us. Measurement tolerance ±3%