

We care! Since 1975.

POLYCRYSTALLINE SOLAR MODULES

KT-SERIES: KT265-6MCA



Factory building, Germany

CUTTING-EDGE TECHNOLOGY



3-busbar, poly



Mechanical Load max. 7.000 Pa



Anti-reflecting glass



Diamond cutted



Junction box encapsulated



LID resistant



Ammonia resistant



PID resistant

COMPANY

► Competence and stability:

Founded in 1959 in Kyoto, Japan, Kyocera is now a globally active, financially powerful corporation with 230 subsidiaries.

► Quality:

Kyocera Solar, a pioneer in the photovoltaic sector and collaborator in groundbreaking photovoltaic solutions since 1975, is one of the leading manufacturers of solar energy systems. Kyocera was the first company to introduce the series production of polycrystalline silicon solar cells and the patented 3-busbar cell technology in mass production.

► Verified longevity:

The reliability and longevity of the products have been verified by proven long-term solutions. For example, systems installed in Japan and Sweden have been providing excellent yields since 1984.

► Service:

- Professional Europe-wide customer service in Esslingen/Germany
- Individual maintenance service increases life expectancy of the photovoltaic system

Kyocera photovoltaic modules meet the highest standards

Kyocera is ISO 9001, ISO 14001 and OHSAS 18001 certified and registered.



IEC 61215
IEC 61730

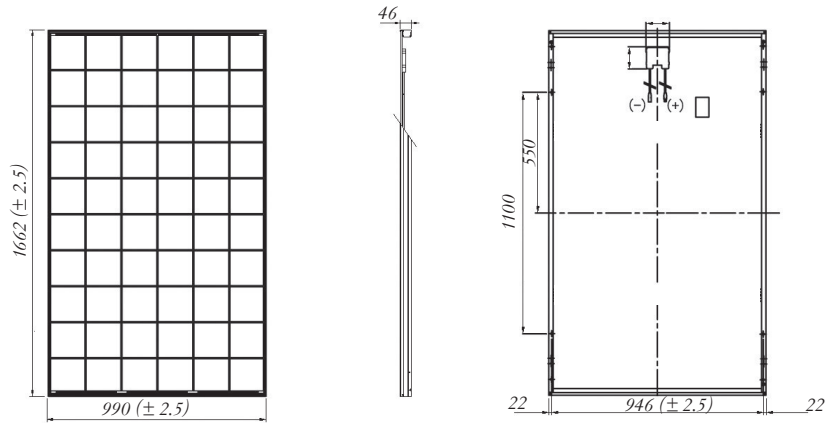


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SPECIFICATIONS

in mm



ELECTRICAL PERFORMANCE

PV Module Type

At 1000 W/m² (STC)⁽¹⁾

Maximum Power	[W]
Maximum System Voltage	[V]
Maximum Power Voltage	[V]
Maximum Power Current	[A]
Open Circuit Voltage (V _{OC})	[V]
Short Circuit Current (I _{SC})	[A]
Efficiency	[%]

At 800 W/m² (NOCT)⁽²⁾

Maximum Power	[W]
Maximum Power Voltage	[V]
Maximum Power Current	[A]
Open Circuit Voltage (V _{OC})	[V]
Short Circuit Current (I _{SC})	[A]
NOCT	[°C]

Power Tolerance	[%]
Maximum Reverse Current I _R	[A]
Series Fuse Rating	[A]
Temperature Coefficient of V _{OC}	[%/K]
Temperature Coefficient of I _{SC}	[%/K]
Temperature Coefficient of Max. Power	[%/K]
Reduction of Efficiency (from 1000 W/m ² to 200 W/m ²)	[%]

DIMENSIONS

Length	[mm]
Width	[mm]
Depth / incl. Junction Box	[mm]
Weight	[kg]
Connection Type	[mm]
Junction Box	
Number of bypass diodes	
IP Code	

CELLS

Number per Module	
Cell Technology	
Cell Shape (square)	[mm]
Cell Bonding	

GENERAL INFORMATION

Performance Guarantee	
Warranty	

(1) Electrical values under standard test conditions (STC): irradiation of 1000 W/m², air mass AM 1.5 and cell temperature of 25 °C

(2) Electrical values under normal operating cell temperature (NOCT): irradiation of 800 W/m², air mass AM 1.5, wind speed of 1 m/s and ambient temperature of 20 °C

KT265-6MCA

265
1000
31
8.55
38.3
9.26
16.1

191
27.9
6.85
35.1
7.49
45

+5 / -3
15
15
-0.36
0.06
-0.45
3.3

1662 (± 2.5)
990 (± 2.5)
46
19
PV-03 (SMK)
110 × 109 × 17
3
IP65

60
polycrystalline
156 × 156
3 busbar

10 ⁽³⁾ / 25 years ⁽⁴⁾
10 years ⁽⁵⁾

(3) 10 years on 90% of the minimally specified power P under standard test conditions (STC)

(4) 25 years on 80% of the minimally specified power P under standard test conditions (STC)

(5) In the case of Europe

Your local Kyocera dealer:



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