

KK265P-3CD3CG

265Wp ANTI-DUST HIGH EFFICIENCY
MULTICRYSTALLINE PHOTOVOLTAIC MODULE

IEC 61215Ed.2
EN61730



This module has passed 2,400Pa mechanical load test based on IEC61215 ed.2
This module is manufactured in ISO9001 certified factories.
Registered No.: JMI0036 (Japan)
TUV.COM Internet platform for tested quality and service ID 0000023299.



HIGHLIGHTS OF KYOCERA PHOTOVOLTAIC MODULES

Kyocera's advanced cell processing technology and automated production facilities produce highly efficient multi crystalline photovoltaic modules.

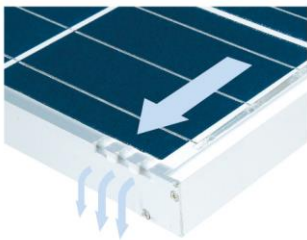
The conversion efficiency of the Kyocera solar cell is over 18.4%.

These cells are encapsulated between a tempered glass cover and a EVA pottant with back sheet to provide efficient protection from severe environmental conditions.

The entire laminate is installed an anodized aluminum frame to provide structural strength and ease of installation.

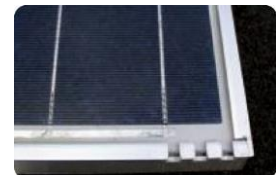
Equipped with plug in connectors.

ANTI-DUST FRAME



Standard Frame

Even with water or rain-falls, dirt will remain on the bottom edge of PV frame

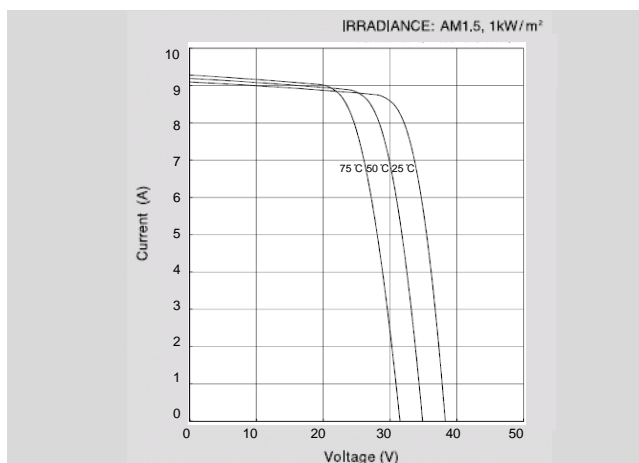


Anti-Dust Frame

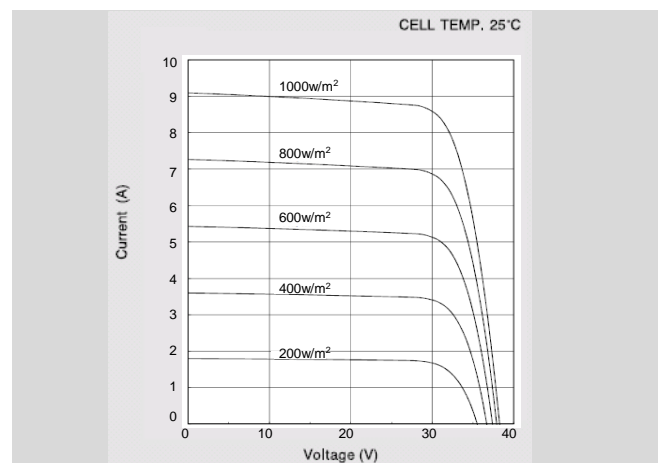
Anti-dust module have cutout on the corner of frame which allows dirt to be washed away together with water / rain

ELECTRICAL CHARACTERISTICS

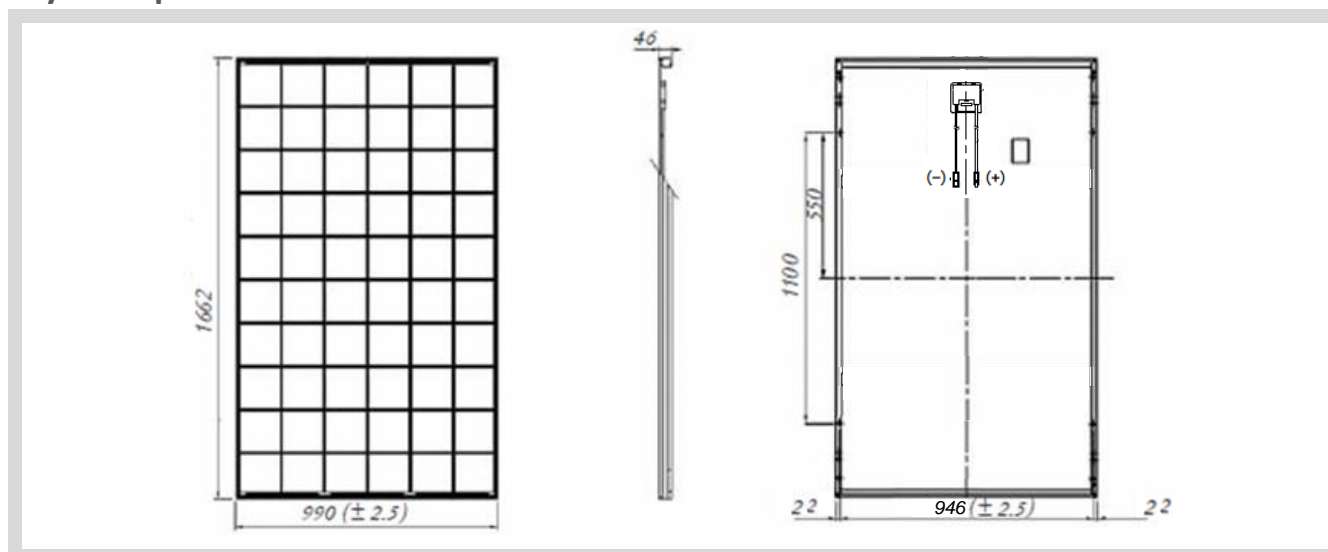
Current-Voltage characteristics of Photovoltaic Module KK265P-3CD3CG at various cell temperatures at Kyocera Corporation laboratory.



Current-Voltage characteristics of Photovoltaic Module KK265P-3CD3CG at various irradiance levels at Kyocera Corporation laboratory.



Physical Specifications



Specifications

Module Efficiency 16.1%	KK265P-3CD3CG
Electrical Performance under Standard Test Conditions (STC*)	
Maximum Power (Pmax)	265 W (+5%, -3%)
Maximum Power Voltage (Vmpp)	31.0 V
Maximum Power Current (Impp)	8.55 A
Open Circuit Voltage(Voc)	38.3 V
Short Circuit Current (Isc)	9.26 A
Max System Voltage	1000 V
Temperature Coefficient of Voc	-1.36 x 10 ⁻¹ V/°C
Temperature Coefficient of Isc	5.43 x 10 ⁻³ A/°C
*STC: Irradiance 1000W/m ² , AM1.5 spectrum, module temperature 25°C	
Electrical Performance at 800W/m², NOCT*, AM1.5	
Maximum Power (Pmax)	191 W
Maximum Power Voltage	27.9 V
Maximum Power Current	6.85 A
Open Circuit Voltage (Voc)	35.1 V
Short Circuit Current (Isc)	7.49 A
*NOCT (Nominal Operating Cell Temperature): 45°C	
Cells	
Number per Module	60
Cell Technology	Multi crystalline
Module Characteristics	
Length x Width x Depth without Box	1662 x 990 x 46 mm
Weight	19.0 kg
Cable	(+)1200 / (-) 1200 mm
Junction Box Characteristics	
Length x Width x Depth	110 x 109 x 17 [mm]
IP Code	IP 67
Others	
Reduction*	3.3 %
Limiting Reverse Current	15 A
Mechanical load (to IEC61215 ed.2)	Pressure 2400 Pa

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