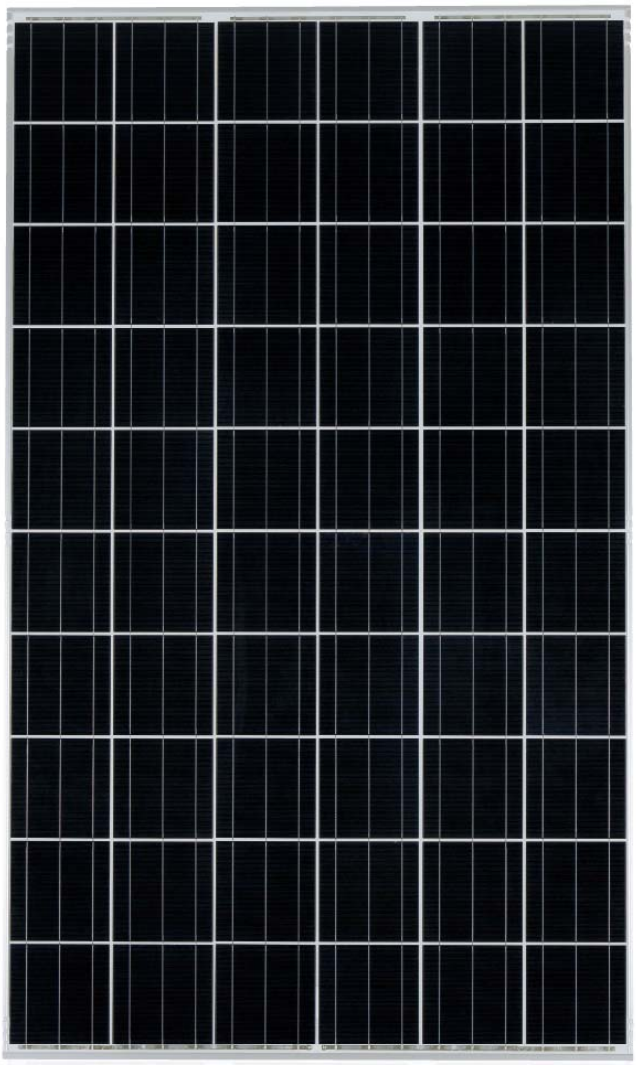
KYOCERA

KK270P-3CD3CG

CUTTING EDGE TECHNOLOGY

As a pioneer with over four decades of experience in the development of photovoltaic systems, Kyocera drives the market as a leading provider of PV products. We demonstrate our Kaizen philosophy, or commitment to continuous improvement, by setting the industry standard in the innovation of best-in-class solar energy equipment.



QUALITY & SAFETY BUILT IN

- UV-stabilized, anodized aluminum frame
- Supported by major mounting structure manufacturers
- Easily accessible grounding points on all four corners for fast Installation
- Proven junction box technology with encapsulation
- Pre-configured with connection wires and SMK plug connectors

PROVEN RELIABILTY

- Proven superior field performance with more than 25 years of field data from a number of real world operating systems.

- Kyocera has been recognized as a “top performer” across all stress test categories for its solar modules by DNV GL, an international provider of independent expert advisory and certification services, in its 2016 PV Module Reliability Scorecard.

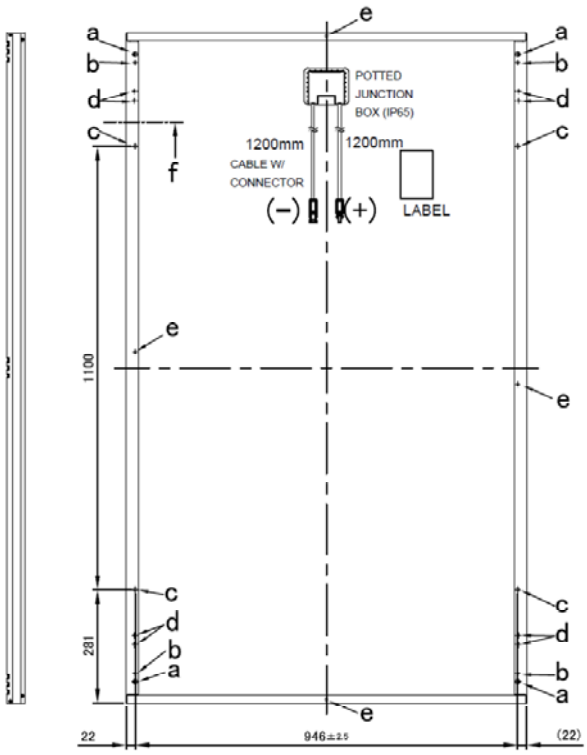
QUALIFICATIONS AND CERTIFICATIONS

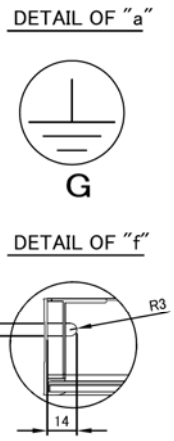
- Certified IEC 61215 ed.2 / IEC61730 by JET
- KYOCERA is ISO9001 and ISO14001 certified and registered.

JET
www.jet.or.jp

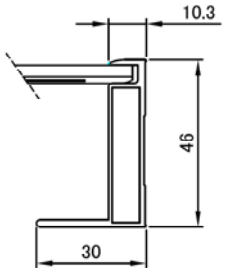
SPECIFICATION

(mm)

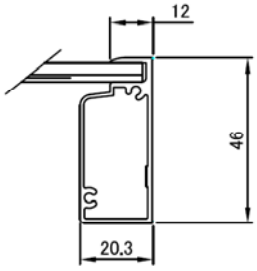




a:GROUND MARK
b:GROUNDING HOLE (4−φ7)
c:INSTALLATION HOLE (4−φ9)
d:CABLE CLAMP HOLE (8−φ4.7)
e:CABLE CLAMP HOLE (4−φ7)
f:DRAINAGE HOLE (4 PLACES)



LONG SIDE



SHORT SIDE

ELECTRICAL PERFORMANCE

At 1000 W/m² (STC)*		
Maximum Power	270	W
Maximum Power Voltage (V_{mp})	31.0	V
Maximum Power Current (I_{mp})	8.71	A
Open Circuit Voltage (V_{oc})	38.3	V
Short Circuit Current (I_{oc})	9.43	A
Efficiency	16.4	%

At 800 W/m² (NOCT)**		
Maximum Power	194	W
Maximum Power Voltage (V_{mp})	27.9	V
Maximum Power Current (I_{mp})	6.96	A
Open Circuit Voltage (V_{oc})	35.1	V
Short Circuit Current (I_{oc})	7.63	A
NOCT	45	℃

Other Electrical Characteristics		
Power Tolerance	+5/-3	%
Maximum System Voltage	1000	V
Maximum Reverse Current	15	A
Series Fuse Rating	15	A
Temperature Coefficient of (V_{oc})	-0.36	%/℃
Temperature Coefficient of (I_{oc})	0.06	%/℃
Temperature Coefficient of Max. Power	-0.46	%/℃

MODULE CHARACTERISTICS

Dimensions		
Length	1662 (±2.5)	mm
Width	990 (±2.5)	mm
Depth (Including Junction Box)	46	mm
Weight	19	kg
Cable	(+)1200 / (-)1200	mm
Connection Type	SMK PV-03 Series	
Junction Box	111 x 90 x 15.9	mm
Number of Bypass Diodes	3	
IP Code	IP65	

Cells		
Cells per Module	60	
Cell Technology	multi-crystalline	
Cell Dimensions (Square)	156 x 156	mm
Cell Bonding	3 busbar	

* Electrical values under standard test conditions (STC) = irradiation of 1000 W/M², airmass AM 1.5, and cell temperature of 25°C.

** Electrical values under normal operating test conditions (NOCT) = irradiation of 800 W/M2, airmass AM 1.5, wind speed of 1m/s, and ambient temperature of 20°C.

KYOCERA reserves the right to modify these specifications without notice.

WARNING: Read the instruction manual in its entirety prior to handling, installing & operating Kyocera Solar modules.

OUR VALUED PARTNER

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