



KD215GH-2PU

### CUTTING EDGE TECHNOLOGY

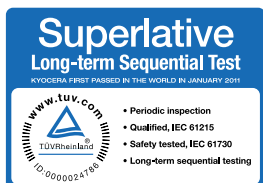
As a pioneer with over 36 years in the solar energy industry, Kyocera demonstrates leadership in the development of solar energy products. Kyocera's *Kaizen* Philosophy, commitment to continuous improvement, is shown by repeated achievement of world record cell efficiencies, supported by proven field performance.

### QUALITY & SAFETY BUILT IN

- Manufactured in our own production plants using a fully automated and integrated production process
- UV stabilized, aesthetically pleasing black anodized frame
- Easily accessible grounding points on all four corners for fast installation
- Proven junction box technology with encapsulation
- Pre-configured 4mm<sup>2</sup> connection cables and original Multi-Contact plug connectors
- Passed TUV surface load testing to 5400N/m<sup>2</sup>

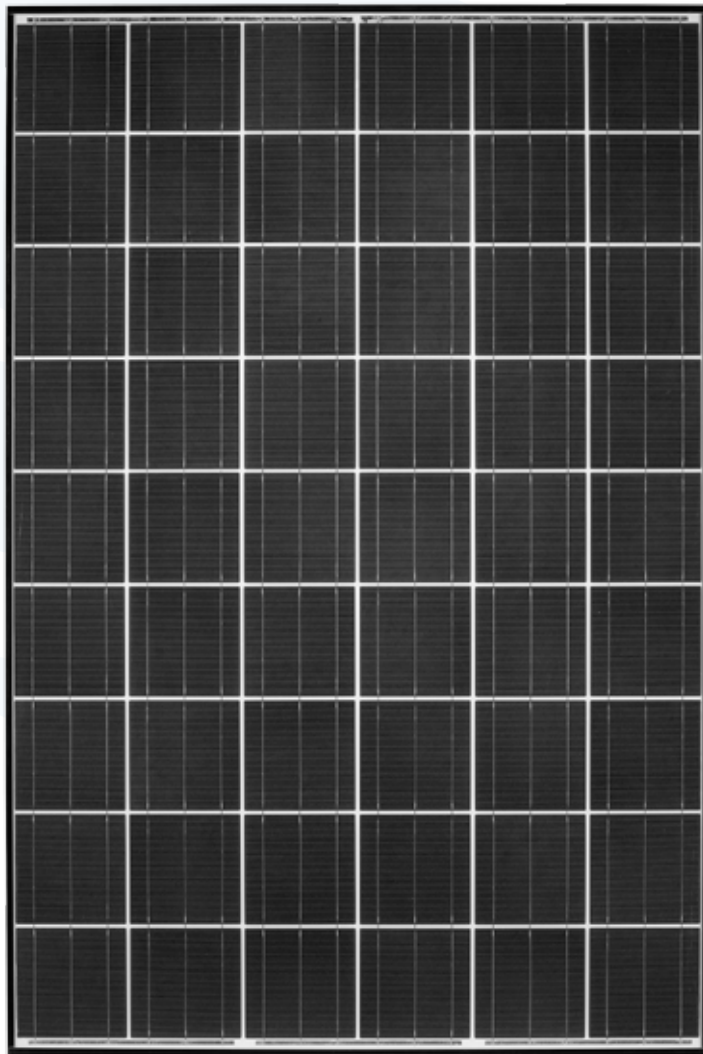
### PROVEN RELIABILITY

- First and only module manufacturer to date to pass rigorous Long-Term Sequential Test performed by TÜV Rheinland
- Proven superior field performance with more than 25 years of field data
- Tight power tolerance
- Performance leader at a number of real world system installations, confirmed with actual yield data.



### WARRANTY

- Kyocera standard 20 year power output warranty
- 5 year workmanship warranty



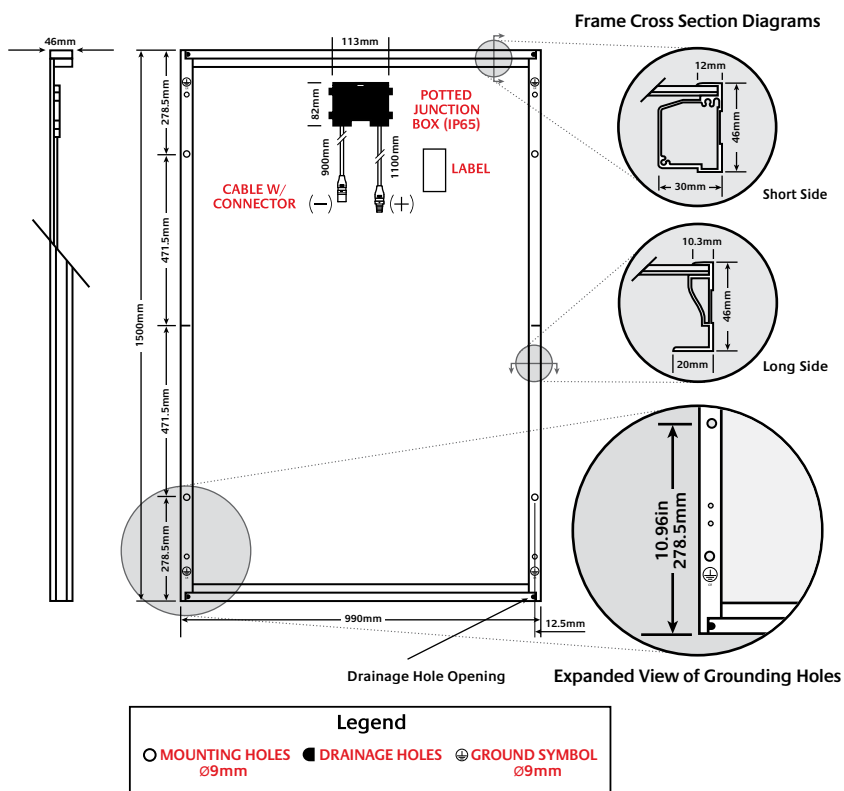
### QUALIFICATIONS AND CERTIFICATIONS



IEC 61215 ed.2 IEC 61730 and Application Class A  
IEC 61701 (Salt Mist Corrosion Testing)  
TUVdoCom-ID: 0000023299

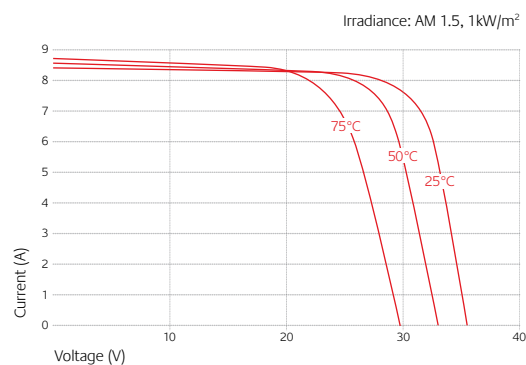
Kyocera is ISO 9001 and ISO 14001 certified and registered

## SPECIFICATIONS

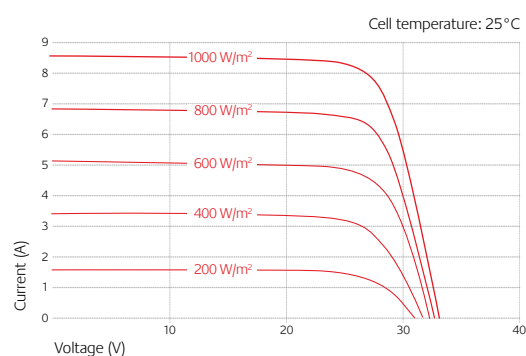


## ELECTRICAL CHARACTERISTICS

Current-Voltage characteristics at various cell temperatures



Current-Voltage characteristics at various irradiance levels



## ELECTRICAL PERFORMANCE

### At 1000 W/m<sup>2</sup> (STC)\*

Maximum Power	215	W
Maximum Power Voltage (V <sub>mp</sub> )	26.6	V
Maximum Power Current (I <sub>mp</sub> )	8.09	A
Open Circuit Voltage (V <sub>oc</sub> )	33.2	A
Short Circuit Current (I <sub>sc</sub> )	8.78	A
Efficiency	14.4	%

### At 800 W/m<sup>2</sup> (NOCT)\*\*

Maximum Power	155	W
Maximum Power Voltage (V <sub>mp</sub> )	24.0	V
Maximum Power Current (I <sub>mp</sub> )	6.47	A
Open Circuit Voltage (V <sub>oc</sub> )	30.4	A
Short Circuit Current (I <sub>sc</sub> )	7.11	A
NOCT	45	°C

### 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 <sub>oc</sub> )	-0.36	%/C
Temperature Coefficient of (I <sub>sc</sub> )	0.06	%/C
Temperature Coefficient of Max. Power	-0.46	%/C

## MODULE CHARACTERISTICS

### Dimensions

Length	1500 (±2.5)	mm
Width	990 (±2.5)	mm
Depth (Including Junction Box)	46	mm
Weight	18	kg
Cable	(+)1100 / (-)900	mm
Connection Type	MC PV-KBT3 / MC PV-KST3	
Junction Box	113 x 82 x 15	mm
Number of Bypass Diodes	3	
IP Code	IP65	

### Cells

Cell Per Module	54
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/M<sup>2</sup>, airmass AM 1.5, and cell temperature of 25°C.

\*\* Electrical values under normal operating test conditions (NOCT) = irradiation of 800 W/M<sup>2</sup>, 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.