



# KU-60 1000V Series

KU260-6MCA

KU265-6MCA

## CUTTING EDGE TECHNOLOGY

As a pioneer with 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 BUILT IN

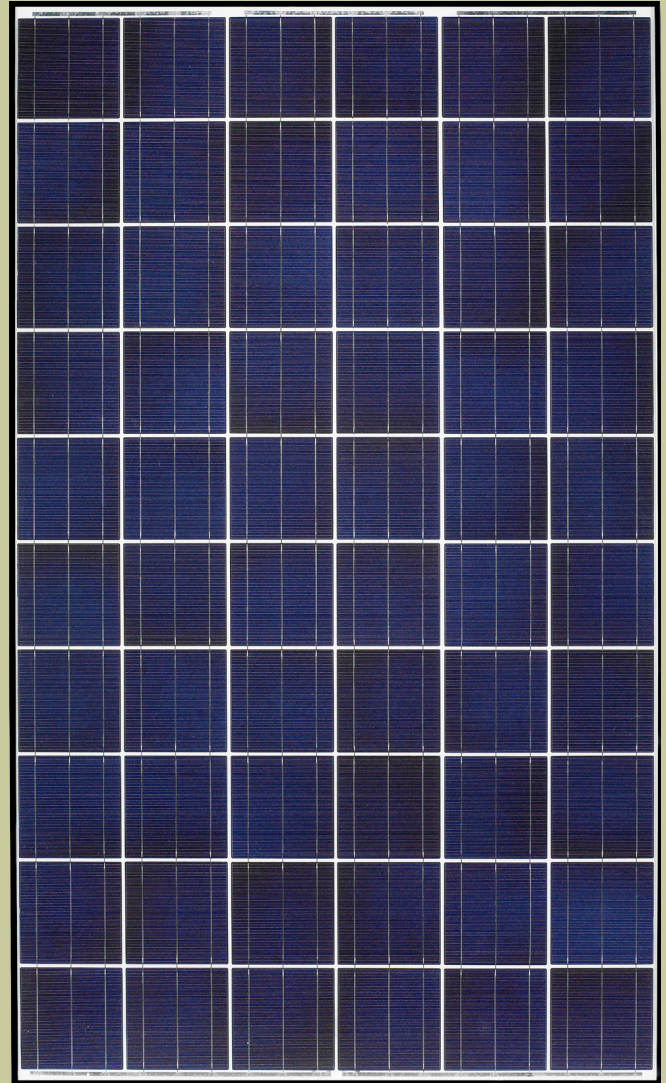
- UV-stabilized, anodized aluminum frame in black
- Supported by major mounting structure manufacturers
- Easily accessible grounding points on all four corners for fast installation
- Proven junction box technology with 12 AWG PV wire works with transformerless inverters
- Amphenol H4-UTX Locking plug-in connectors provide safe, quick connections

## PROVEN RELIABILITY

- Kyocera modules confirmed by the Desert Knowledge Australia Solar Centre to have the highest average output of any crystalline module
- First module manufacturer in the world to pass long-term sequential testing performed by TÜV Rheinland
- Only module manufacturer to achieve the rank of "Performance Leader" in all six categories of GTM Research's 2014 PV Module Reliability Scorecard

## CERTIFICATIONS

- UL1703 Certified and Registered, UL Module Fire Performance: Type 2, CEC
- NEC2008 Compliant, IEC 61215/61730, and ISO 14001
- IEC61701 Ed.2 Severity 6 (Salt Mist Corrosion Test)



OUR VALUED PARTNER



## ELECTRICAL SPECIFICATIONS

### Standard Test Conditions (STC)

STC=1000 W/M<sup>2</sup> irradiance, 25°C module temperature, AM 1.5 spectrum\*

	KU260-6MCA	KU265-6MCA	
<b>P<sub>max</sub></b>	260	265	W
<b>V<sub>mp</sub></b>	31.0	31.0	V
<b>I<sub>mp</sub></b>	8.39	8.55	A
<b>V<sub>oc</sub></b>	38.3	38.3	V
<b>I<sub>sc</sub></b>	9.09	9.26	A
<b>P<sub>tolerance</sub></b>	+5/-0	+5/-0	%

### Nominal Operating Cell Temperature Conditions (NOCT)

NOCT=800 W/M<sup>2</sup> irradiance, 20°C ambient temperature, AM 1.5 spectrum\*

<b>T<sub>NOCT</sub></b>	45	45	°C
<b>P<sub>max</sub></b>	187	191	W
<b>V<sub>mp</sub></b>	27.9	27.9	V
<b>I<sub>mp</sub></b>	6.71	6.85	A
<b>V<sub>oc</sub></b>	35.1	35.1	V
<b>I<sub>sc</sub></b>	7.36	7.49	A
<b>PTC</b>	233.5	238.1	W

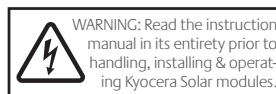
### Temperature Coefficients

<b>P<sub>max</sub></b>	-0.45	-0.45	%/°C
<b>V<sub>mp</sub></b>	-0.48	-0.48	%/°C
<b>I<sub>mp</sub></b>	0.02	0.02	%/°C
<b>V<sub>oc</sub></b>	-0.36	-0.36	%/°C
<b>I<sub>sc</sub></b>	0.06	0.06	%/°C
<b>Operating Temp</b>	-40 to +90	-40 to +90	°C

### System Design

<b>Series Fuse Rating</b>	15 A
<b>Maximum DC System Voltage (UL)</b>	1000 V
<b>Hailstone Impact</b>	in (25mm) @ 51mp (23m/s)

\*Subject to simulator measurement uncertainty of +/- 3%.  
KYOCERA reserves the right to modify these specifications without notice.



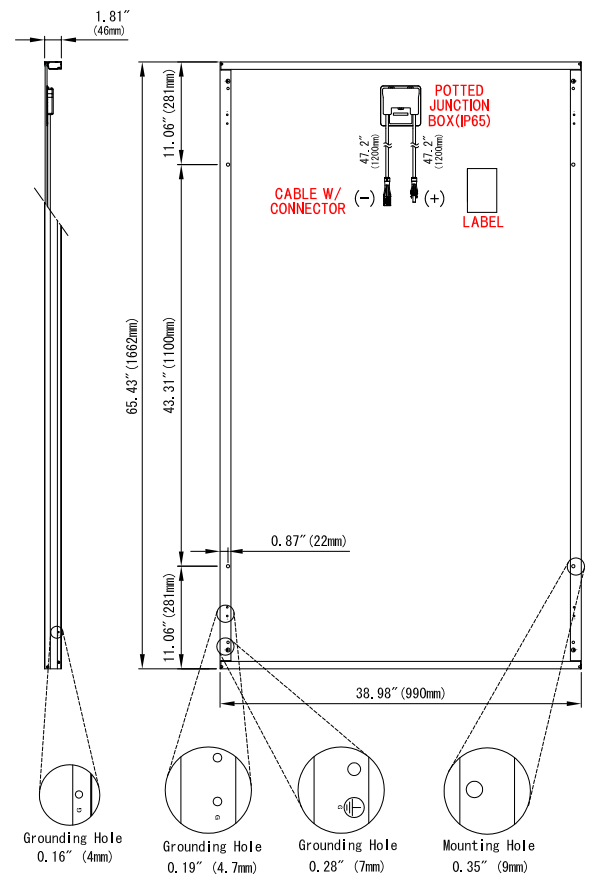
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## MODULE CHARACTERISTICS

<b>Cells per module:</b>	60 (6 x 10)
<b>Dimensions:</b> length/width/height	65.43in/38.98in/1.81in (1662mm/990mm/46mm)
<b>Weight:</b>	41.9lbs (19.0kg)

## PACKAGING SPECIFICATIONS

<b>Modules per pallet:</b>	20
<b>Pallets per 53' container:</b>	36
<b>Pallet box dimensions:</b> length/width/height	66in/40in/47in (1675mm/1005mm/1175mm)
<b>Pallet box weight:</b>	950lbs (430kg)



### FRAME CROSS SECTION DIAGRAM

