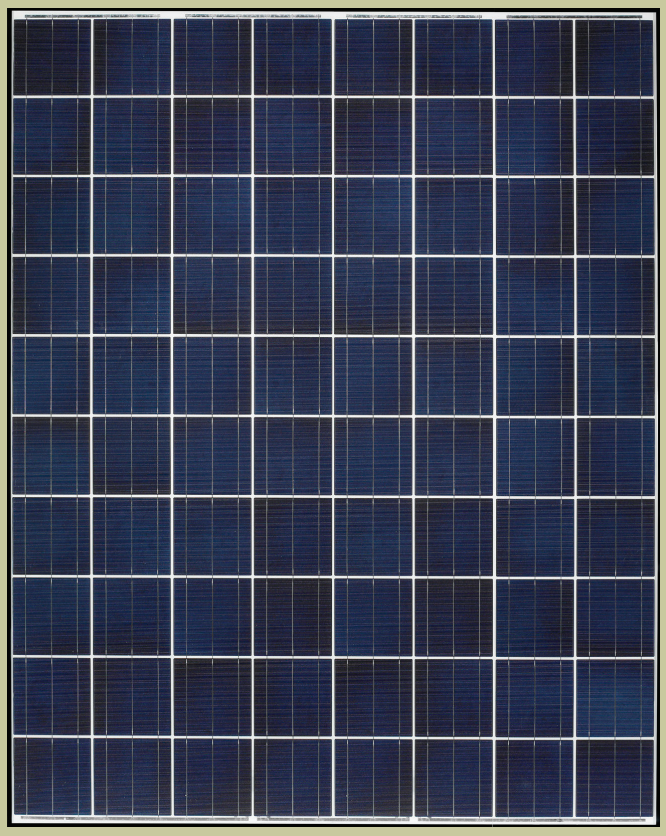
KU-80 1000V Series

KU325-8BCA KU330-8BCA



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
- 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
- This series construction also passed TÜV Rheinland's Salt Mist Corrosion Test at Severity Level 6, the most intense test conditions available
- 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)

ELECTRICAL SPECIFICATIONS

Standard Test Conditions (STC) *STC=1000 W/M² irradiance, 25°C module temperature, AM 1.5 spectrum**	KU325-8BCA	KU330-8BCA	
P_{max}	325	330	W
V_{mp}	40.4	40.7	V
I_{mp}	8.05	8.11	A
V_{oc}	50.0	50.3	V
I_{sc}	8.68	8.74	A
$P_{tolerance}$	+5/-0	+5/-0	%
Nominal Operating Cell Temperature Conditions (NOCT) *NOCT=800 W/M² irradiance, 20°C ambient temperature, AM 1.5 spectrum**			
T_{NOCT}	45	45	°C
P_{max}	234	237	W
V_{mp}	36.4	36.6	V
I_{mp}	6.43	6.48	A
V_{oc}	45.8	46.1	V
I_{sc}	7.03	7.07	A
PTC	290.4	295.0	W
Temperature Coefficients			
P_{max}	-0.45	-0.45	%/°C
V_{mp}	-0.48	-0.48	%/°C
I_{mp}	0.02	0.02	%/°C
V_{oc}	-0.36	-0.36	%/°C
I_{sc}	0.06	0.06	%/°C
Operating Temp	-40 to +90	-40 to +90	°C

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

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

NEC 2008 COMPLIANT
UL 1703 LISTED
032614

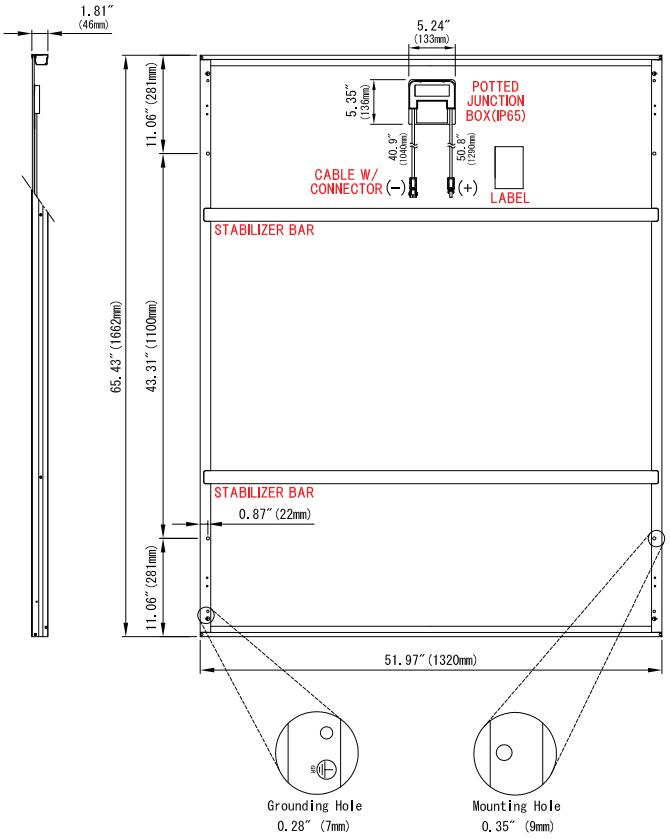
WARNING: Read the instruction manual in its entirety prior to handling, installing & operating Kyocera Solar modules.

MODULE CHARACTERISTICS

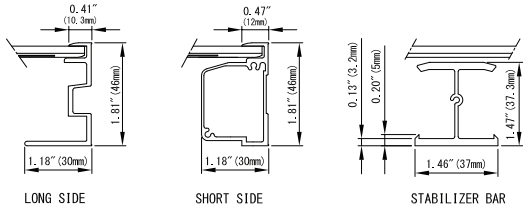
Cells per module:	**80 (8 x 10)**
Dimensions: *length/width/height*	**65.43in/51.97in/1.81in** **(1662mm/1320mm/46mm)**
Weight:	**60.6lbs (27.5kg)**

PACKAGING SPECIFICATIONS

Modules per pallet:	**20**
Pallets per 53' container:	**22**
Pallet box dimensions: *length/width/height*	**66in/53in/47in** **(1675mm/1330mm/1175mm)**
Pallet box weight:	**1323lbs (600kg)**



FRAME CROSS SECTION DIAGRAM



OUR VALUED PARTNER