



KD 200-60 P Series

CUTTING EDGE TECHNOLOGY

As a pioneer with over 35 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 repeatedly achieving world record cell efficiencies.

QUALITY BUILT IN

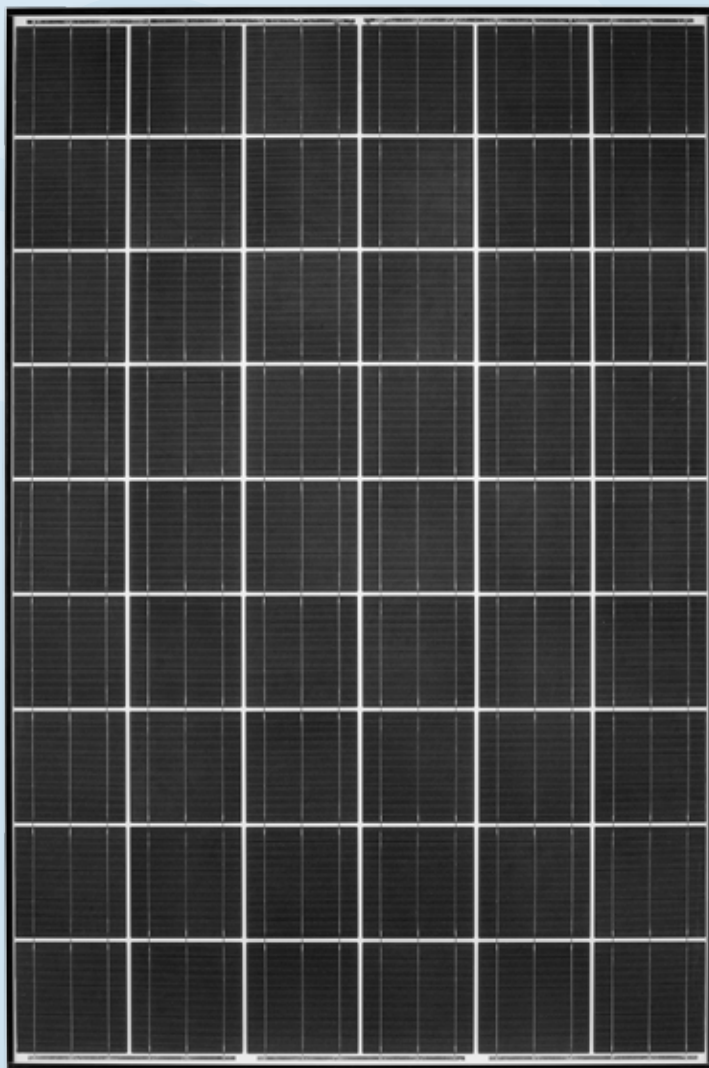
- UV stabilized, aesthetically pleasing black anodized frame
- Supported by major mounting structure manufacturers
- Easily accessible grounding points on all four corners for fast installation
- Proven junction box technology with PV wire to work with transformerless inverters
- Quality locking plug-in connectors to provide safe & quick connections

RELIABLE

- Superior built-in quality
- Proven superior field performance
- Tight power tolerance

WARRANTY

- Kyocera standard 20 year power output warranty and 5 year workmanship warranty applies in USA
- Extended warranties available per project requirements
- Kyocera standard 20 year power output warranty and 2 year workmanship warranty applies outside of USA
- Refer to Kyocera warranty policy for details



UL Listing
QIGU.E173074



NEC 2008 Compliant UL 1703, ISO 9001 and ISO 14001
Certified and Registered Class C



QUALIFIED FOR "BUY AMERICAN"
Manufactured in San Diego, California

ELECTRICAL SPECIFICATIONS

MECHANICAL SPECIFICATIONS

Standard Test Conditions

	KD230GX-LPB	KD235GX-LPB	KD240GX-LPB	KD245GX-LPB (Preliminary)	
P_{mp}^2	230	235	240	245	W
V_{mp}	29.8	29.8	29.8	29.8	V
I_{mp}	7.72	7.89	8.06	8.23	A
V_{oc}	36.9	36.9	36.9	36.9	V
I_{sc}	8.36	8.55	8.59	8.91	A
$P_{tolerance}$	+5/-3	+5/-3	+5/-3	+5/-3	%

Nominal Operating Cell Temperature Conditions (NOCT)

T_{NOCT}	45	45	45	45	°C
P_{max}	165	169	172	176	W
V_{mp}	26.8	26.8	26.7	26.8	V
I_{mp}	6.18	6.31	6.45	6.58	A
V_{oc}	33.7	33.7	33.7	33.7	V
I_{sc}	6.77	6.92	6.95	7.21	A

Temperature Coefficients

P_{max}	-1.04	-1.07	-1.10	-1.12	W/°C
V_{oc}	-0.133	-0.133	-0.133	-0.133	V/°C
I_{sc}	0.00502	0.00513	0.00515	0.00535	A/°C
Operating Temp	-40~90	-40~90	-40~90	-40~90	°C

System Design

Series Fuse Rating	15 A
Maximum DC System Voltage (UL)	600 V

NEC 2008 COMPLIANT
UL 1703 LISTED

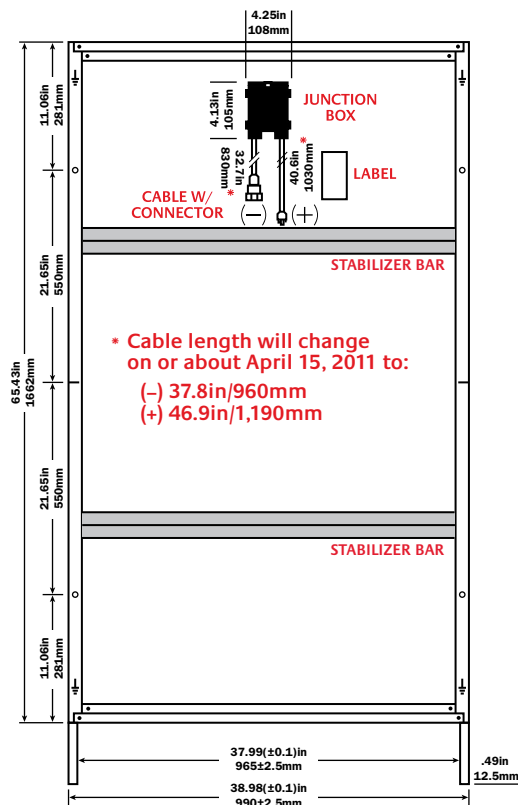


Registered to ISO9001-2000

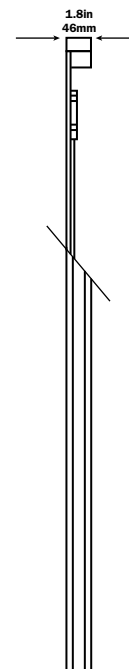
KYOCERA reserves the right to modify these specifications without notice.

All specification at 25°C, cell temperature, 1.5 AM and 1000W/m².

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Weight: 46.3lbs (21.0kg)



OUR VALUED PARTNER