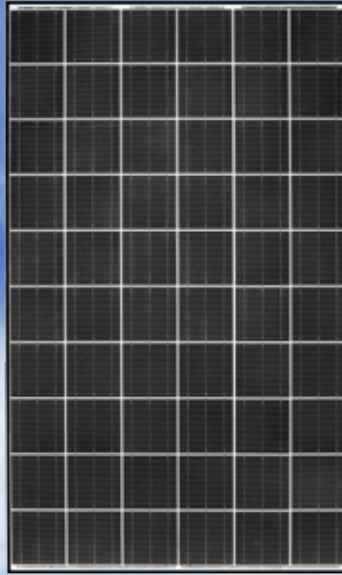


KD 200-60 Series



Cutting Edge Technology

As a pioneer with 35 years in solar, 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

Also available:



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

ELECTRICAL SPECIFICATIONS

MECHANICAL SPECIFICATIONS

Standard Test Conditions					
	KD230GX-LPB	KD235GX-LPB	KD240GX-LPB (Preliminary)	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}	163	166	172	176	W
V_{mp}	26.4	26.4	26.7	26.8	V
I_{mp}	6.18	6.31	6.45	6.58	A
V_{oc}	33.3	33.3	33.7	33.7	V
I_{sc}	6.78	6.93	6.95	7.21	A

Temperature Coefficients					
P_{max}	-1.04	-1.07	-1.10	-1.13	W/°C
V_{oc}	-0.133	-0.133	-0.133	-0.0133	V/°C
I_{sc}	0.00502	0.00513	0.00515	0.00515	A/°C
Operating Temp	-40~90	-40~90	-40~90	-40~90	°C

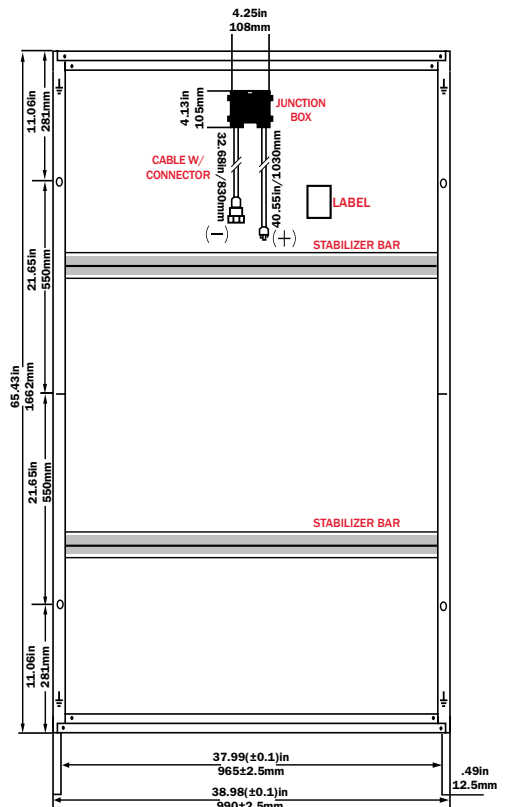
System Design	
Series Fuse Rating	15 A
Maximum DC System Voltage (UL)	600 V

NEC 2008 Compliant
UL 1703 Listed

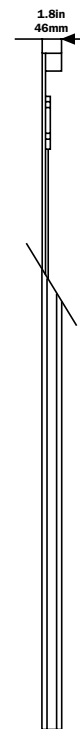


Registered to ISO9001-2000

Kyocera reserves the right to modify these specifications without notice.
All specification at 25°C. cell temperature, 1.5 AM and 1000W/m².



Weight: 46.3lbs (21.0kg)



Legend

- MOUNTING HOLES
- DRAINAGE HOLES
- ⚡ GROUNDING HOLES

AUTHORIZED DISTRIBUTOR