



KD 200-60 P Series

KD240GX-LPB KD245GX-LPB

CUTTING EDGE TECHNOLOGY

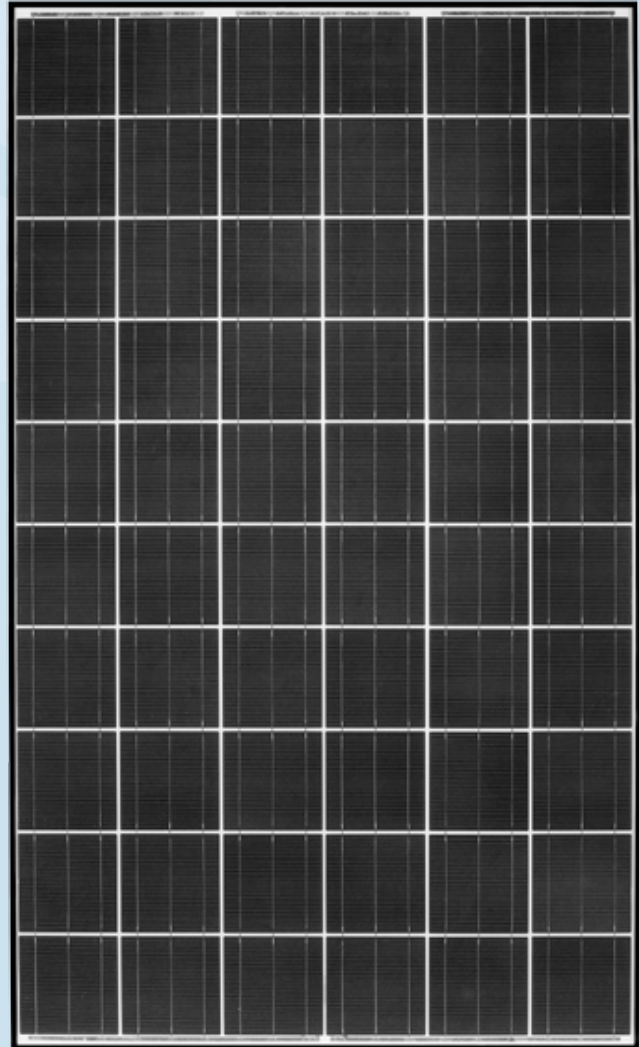
As a pioneer with over 35 years in the solar energy industry, Kyocera demonstrates leadership in the development of solar energy products. Kyocera's Kaizen Philosophy, commitment to continuous improvement, is shown by repeatedly achieving world record cell efficiencies.

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 12 AWG PV wire to work with transformerless inverters
- Quality locking MC4 plug-in connectors to provide safe and quick connections

RELIABLE

- Proven superior field performance
- Tight power tolerance
- Only module manufacturer to pass rigorous long-term testing performed by TÜV Rheinland



QUALIFICATIONS AND CERTIFICATIONS

UL Listing
QIGU.E173074



NEC 2008 Compliant, UL 1703, ISO 9001, and ISO 14001
UL1703 Certified and Registered, UL Fire Safety Class C, CEC, FSEC
Certified IEC61215 Ed 2 IEC61730 by JET

ELECTRICAL SPECIFICATIONS

Standard Test Conditions (STC)
*STC = 1000 W/M² irradiance, 25°C module temperature, AM 1.5 spectrum**

	KD240GX-LPB	KD245GX-LPB	
P_{mp}	240	245	W
V_{mp}	29.8	29.8	V
I_{mp}	8.06	8.23	A
V_{oc}	36.9	36.9	V
I_{sc}	8.59	8.91	A
P_{tolerance}	+5/-3	+5/-3	%

Nominal Operating Cell Temperature Conditions (NOCT)
*NOCT = 800 W/M² irradiance, 20°C ambient temperature, AM 1.5 spectrum**

	KD240GX-LPB	KD245GX-LPB	
T_{NOCT}	45	45	°C
P_{max}	172	176	W
V_{mp}	26.7	26.8	V
I_{mp}	6.45	6.58	A
V_{oc}	33.7	33.7	V
I_{sc}	6.95	7.21	A
PTC	217.3	219.1	W

Temperature Coefficients

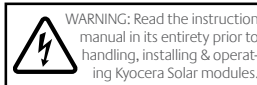
P_{max}	-0.46	-0.46	%/°C
V_{mp}	-0.52	-0.52	%/°C
I_{mp}	0.0064	0.0065	%/°C
V_{oc}	-0.36	-0.36	%/°C
I_{sc}	0.060	0.060	%/°C
Operating Temp	-40 to +90	-40 to +90	°C

System Design

Series Fuse Rating	15 A
Maximum DC System Voltage (UL)	600 V
Hailstone Impact	1in (25mm) @ 51mph (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
 CERTIFIED IEC61215 ED2 IEC61730 BY JET



MODULE CHARACTERISTICS

Dimensions: 65.43in/38.98in/1.8in
 length/width/height (1662mm/990mm/46mm)

Weight: 46.3lbs (21.0kg)

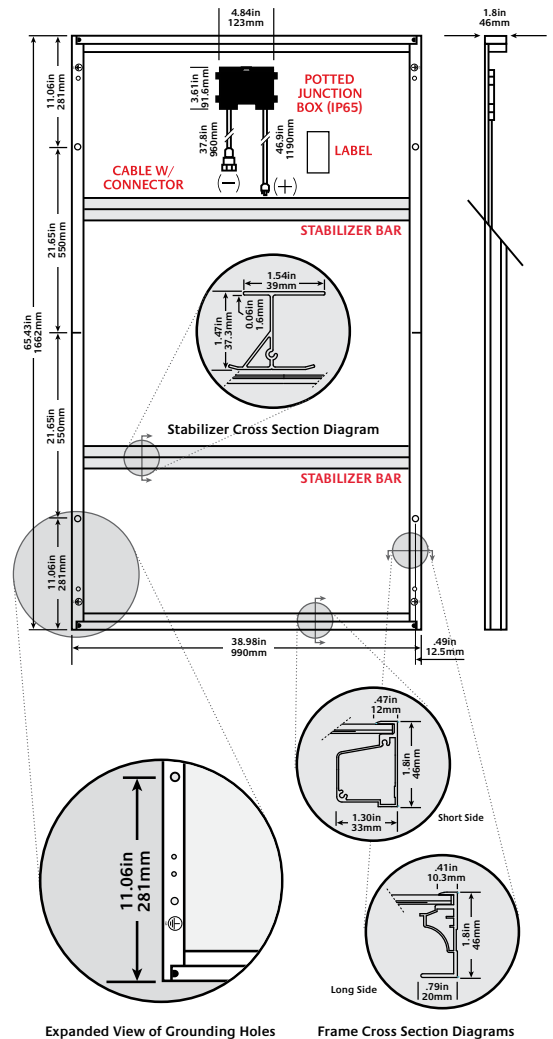
PACKAGING SPECIFICATIONS

Modules per pallet: 20

Pallets per 53' container: 36

Pallet box dimensions: 66.54in/39.76in/47.24in
 length/width/height (1690mm/1010mm/1200mm)

Pallet box weight: 1050 lbs (480kg)



OUR VALUED PARTNER