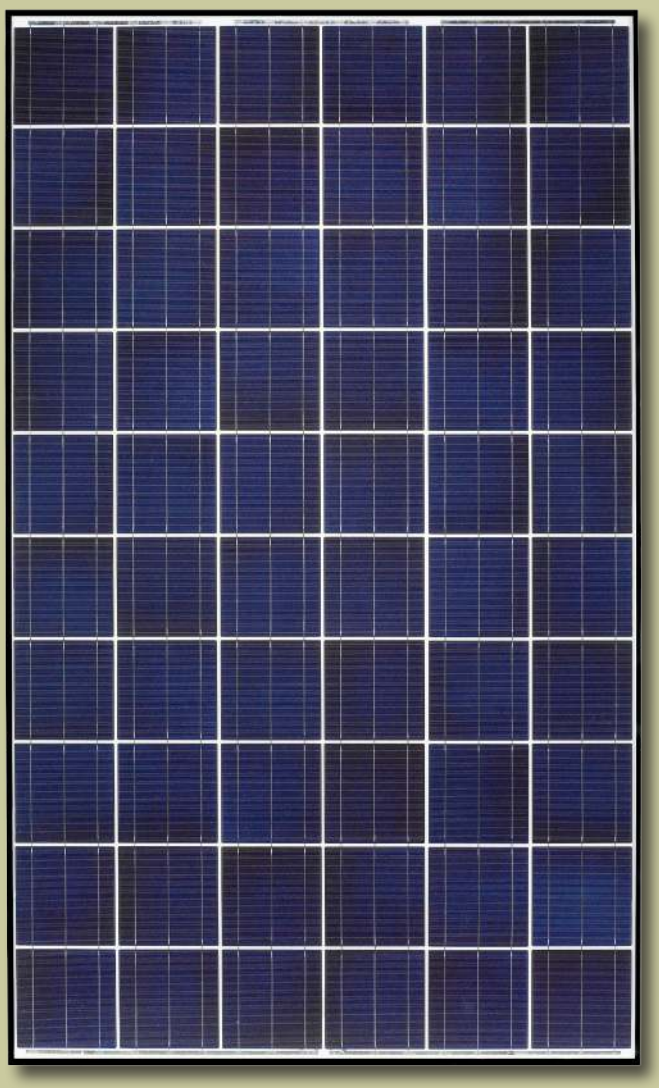
KYOCERA

KD 200-60 F Series

KD245GX-LFB2 KD250GX-LFB2



CUTTING EDGE TECHNOLOGY

As a pioneer with over 39 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 plug-in connectors to provide safe and quick connections

RELIABLE

- Proven superior field performance
- Tight power tolerance
- First module manufacturer to pass rigorous long-term testing performed by TÜV Rheinland
- Pass Salt Mist Corrosion Test Severity 6, most severe test conditions, 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
IEC 61701 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**

	KD245GX-LFB2	KD250GX-LFB2	
P_{max}	245	250	W
V_{mp}	29.8	29.8	V
I_{mp}	8.23	8.39	A
V_{oc}	36.9	36.9	V
I_{sc}	8.91	9.09	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}	176	180	W
V_{mp}	26.8	26.8	V
I_{mp}	6.58	6.72	A
V_{oc}	33.7	33.7	V
I_{sc}	7.21	7.36	A
PTC	219.1	223.7	W

Temperature Coefficients

P_{max}	-0.46	-0.46	%/°C
V_{mp}	-0.52	-0.52	%/°C
I_{mp}	0.0065	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	in (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

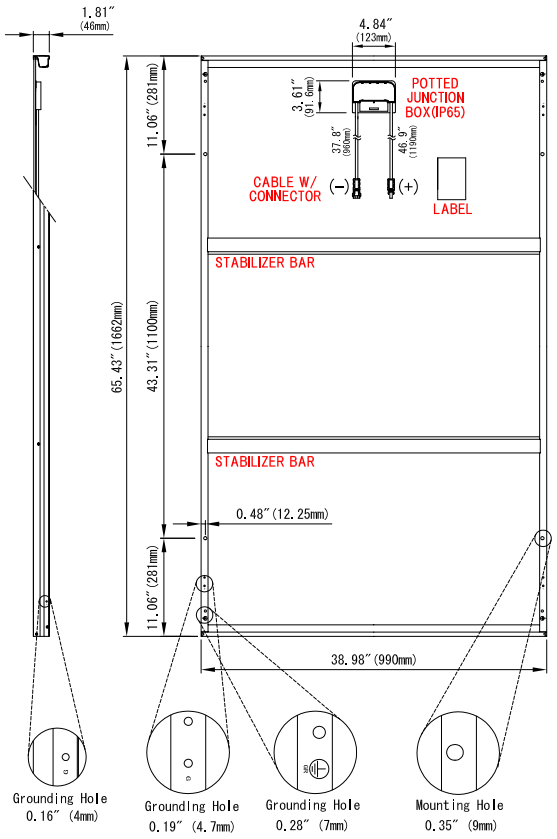
WARNING: Read the instruction manual in its entirety prior to handling, installing & operating Kyocera Solar modules.

MODULE CHARACTERISTICS

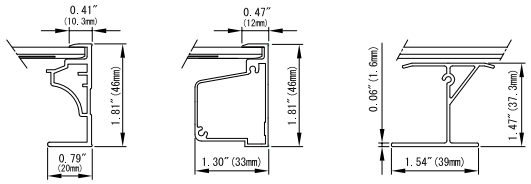
Dimensions: *length/width/height*	**65.43in/38.98in/1.81in (1662mm/990mm/46mm)**
Weight:	**44.1lbs (20.0kg)**

PACKAGING SPECIFICATIONS

Modules per pallet:	**20**
Pallets per 53' container:	**36**
Pallet box dimensions: *length/width/height*	**66in/40in/47in (1675mm/1005mm/1175mm)**
Pallet box weight:	**990 lbs (450kg)**



FRAME CROSS SECTION DIAGRAM



032514

OUR VALUED PARTNER