



KD-200-60 F Series

KD255GX-LFB2

CUTTING EDGE TECHNOLOGY

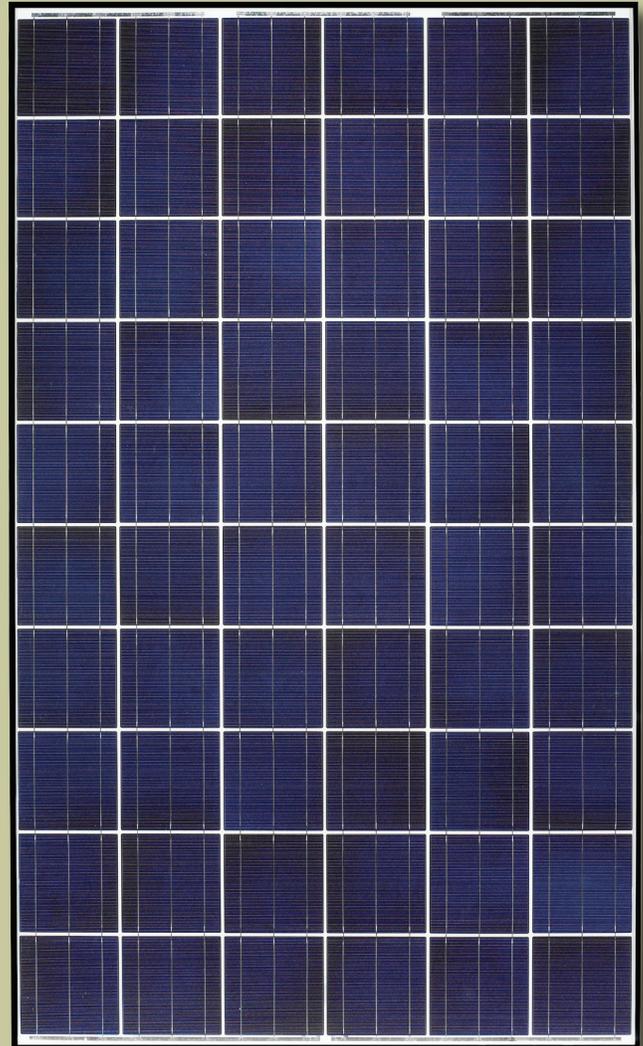
As a pioneer with over 39 years in the solar energy industry, Kyocera demonstrates leadership in the development of solar energy products. Kyocera's *Kaizen* Philosophy, commitment to continuous improvement, is shown by repeatedly achieving world record cell efficiencies.

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



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

ELECTRICAL SPECIFICATIONS

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

KD255GX-LFB2		
P _{max}	255	W
V _{mp}	30.4	V
I _{mp}	8.39	A
V _{oc}	37.6	V
I _{sc}	9.09	A
P _{tolerance}	+5/-0	%

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

T _{NOCT}	45	°C
P _{max}	184	W
V _{mp}	27.4	V
I _{mp}	6.72	A
V _{oc}	34.4	V
I _{sc}	7.36	A

Temperature Coefficients

P _{max}	-0.46	%/°C
V _{mp}	-0.52	%/°C
I _{mp}	0.0065	%/°C
V _{oc}	-0.36	%/°C
I _{sc}	0.060	%/°C

Operating Temp	-40 to +90	°C
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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



042814

MODULE CHARACTERISTICS

Dimensions: 65.43in/38.98in/1.81in
 length/width/height (1662mm/990mm/46mm)

Weight: 44.1lbs (20.0kg)

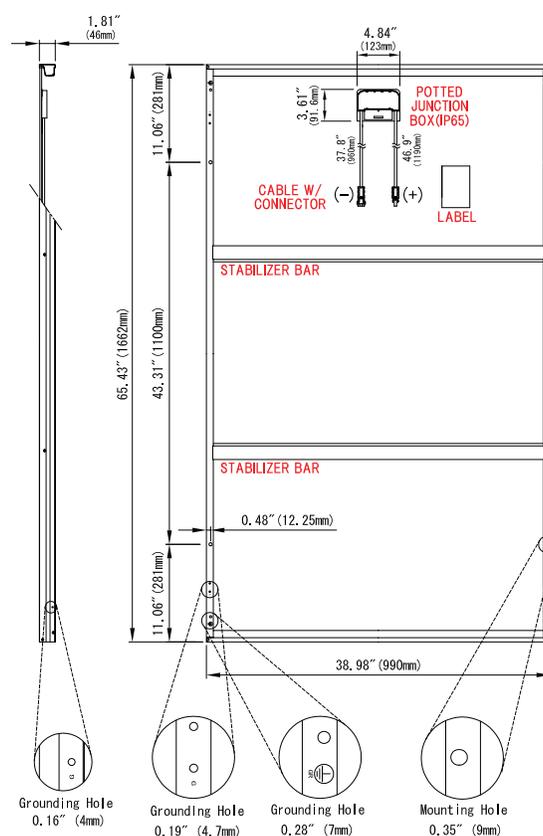
PACKAGING SPECIFICATIONS

Modules per pallet: 20

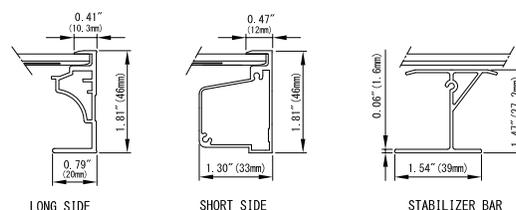
Pallets per 53' container: 36

Pallet box dimensions: 66in/40in/47in
 length/width/height (1675mm/1005mm/1175mm)

Pallet box weight: 990 lbs (450kg)



FRAME CROSS SECTION DIAGRAM



OUR VALUED PARTNER