

KD135GX-LFBS



KD185GX-LFBS



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



UL Listing
QIGU.E173074

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

New Process Improvements

- All solar cells are fabricated with a new proprietary etching and coating process which translates into a 'smoother' appearance while maintaining the same gridline and bus-bar design.
- All modules have added crossbars on the back side of the module for greater support and stability in harsh conditions, including high wind and snow load regions.

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

ELECTRICAL SPECIFICATIONS

Standard Test Conditions			
	KD135GX-LFBS	KD185GX-LFBS	
P_{mp}^2	135	185	W
V_{mp}	17.7	23.6	V
I_{mp}	7.63	7.84	A
V_{oc}	22.1	29.5	V
I_{sc}	8.37	8.58	A
P tolerance	+5/-5	+5/-5	%

Nominal Operating Cell Temperature Conditions (NOCT)			
T_{NOCT}	45.0	45.0	°C
P_{max}	97	133	W
V_{mp}	16	21.3	V
I_{mp}	6.1	6.27	A
V_{oc}	20.2	27	V
I_{sc}	6.78	6.95	A

Temperature Coefficients			
P_{max}	-0.616	-0.849	W/°C
V_{oc}	-0.08	-0.106	V/°C
I_{sc}	0.00502	0.00515	A/°C
Operating Temp	-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



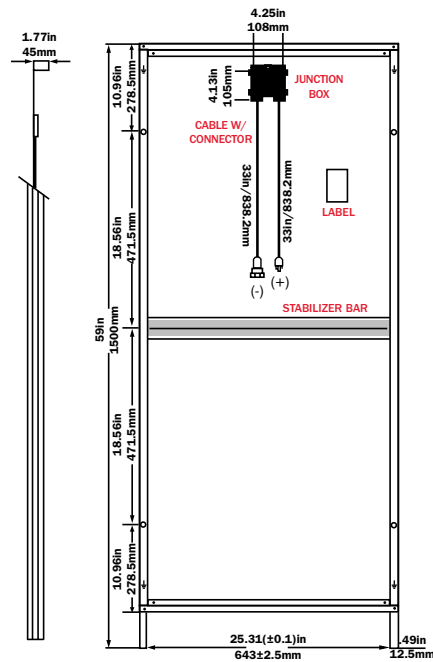
Registered to ISO9001-2000

Kyocera reserves the right to modify these specifications without notice.

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

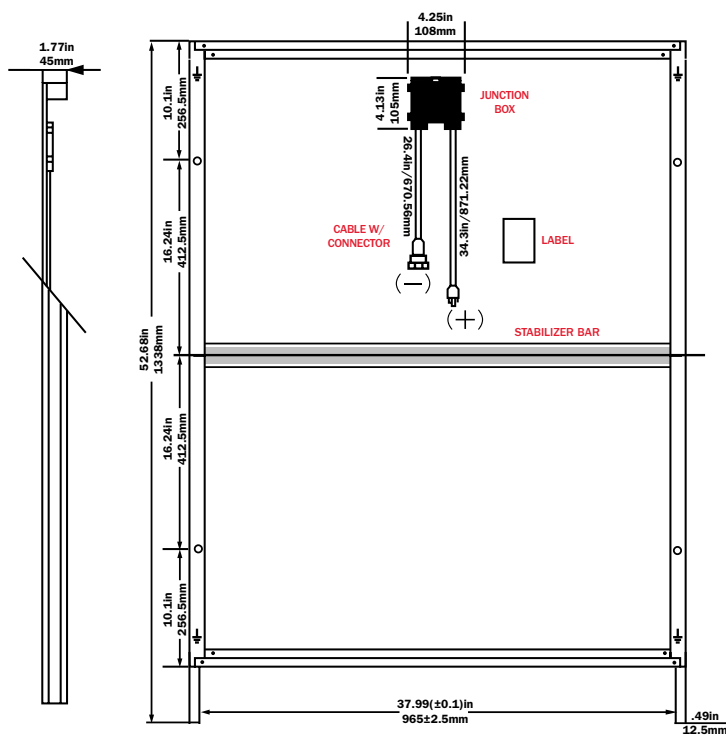
MECHANICAL SPECIFICATIONS

KD135GX-LFBS



Weight: 27.49lbs (12.47kg)

KD185GX-LFBS



Weight: 35.3lbs (16.01kg)



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