



KD 200-54 P Series

KD205GX-LPU

KD210GX-LPU

KD215GX-LPU

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

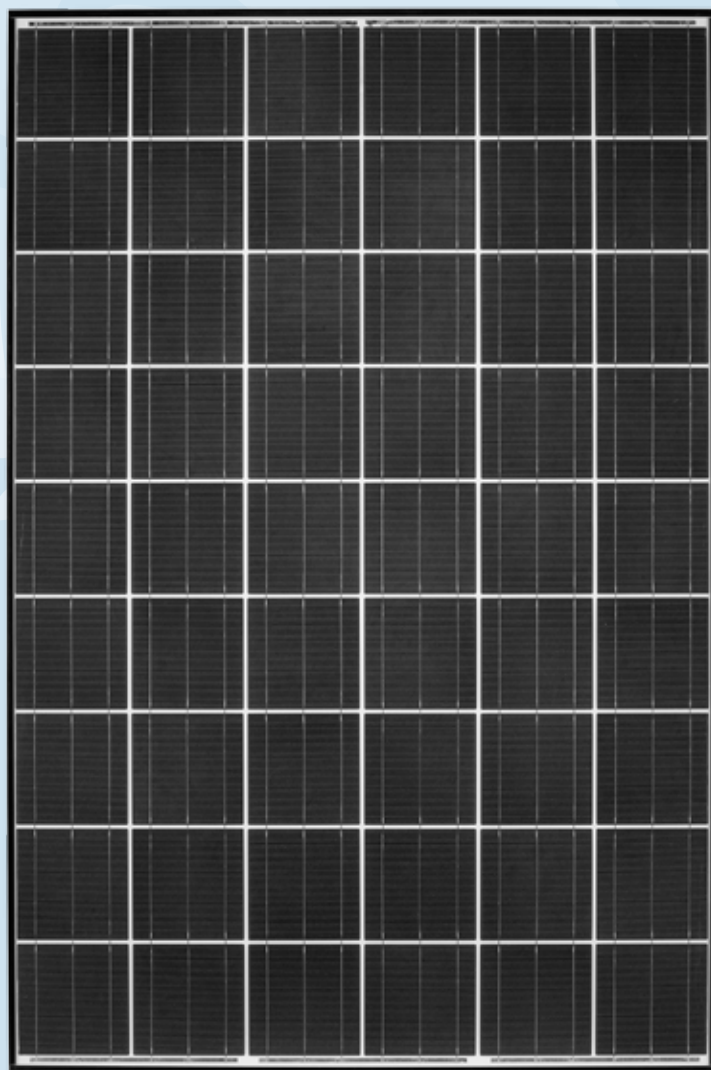
- UV stabilized, aesthetically pleasing black anodized frame
- Supported by major mounting structure manufacturers
- Easily accessible grounding points on all four corners for fast installation
- Proven junction box technology with 12 AWG PV wire to work with transformerless inverters
- Quality locking 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

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



QUALIFICATIONS AND CERTIFICATIONS

UL Listing
QIGU.E173074



Registered to ISO9001-2000

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



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

- Available Upon Request •

ELECTRICAL SPECIFICATIONS

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

	KD205GX-LPU	KD210GX-LPU	KD215GX-LPU	
P_{mp}	205	210	215	W
V_{mp}	26.6	26.6	26.6	V
I_{mp}	7.71	7.90	8.09	A
V_{oc}	33.2	33.2	33.2	V
I_{sc}	8.36	8.58	8.78	A
P_{tolerance}	+5/-0	+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}	147	151	W
V_{mp}	24.0	24.0	V
I_{mp}	6.17	6.32	A
V_{oc}	30.4	30.4	V
I_{sc}	6.77	6.95	A
PTC	185.2	189.8	W

Temperature Coefficients

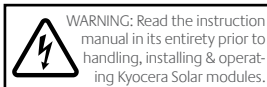
P_{max}	-0.46	-0.46	-0.46	%/°C
V_{mp}	-0.52	-0.52	-0.52	%/°C
I_{mp}	0.0065	0.0065	0.0065	%/°C
V_{oc}	-0.36	-0.36	-0.36	%/°C
I_{sc}	0.060	0.060	0.060	%/°C
Operating Temp	-40 to +90	-40 to +90	-40 to +90	°C

System Design

Series Fuse Rating	15 A
Maximum DC System Voltage (UL)	600 V
Hailstone Impact	1 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
 CERTIFIED IEC61215 ED2 IEC61730 BY JET



MODULE CHARACTERISTICS

Dimensions: 59.06in/38.98in/1.8in
 length/width/height

Weight: 39.7lbs (18.0kg)

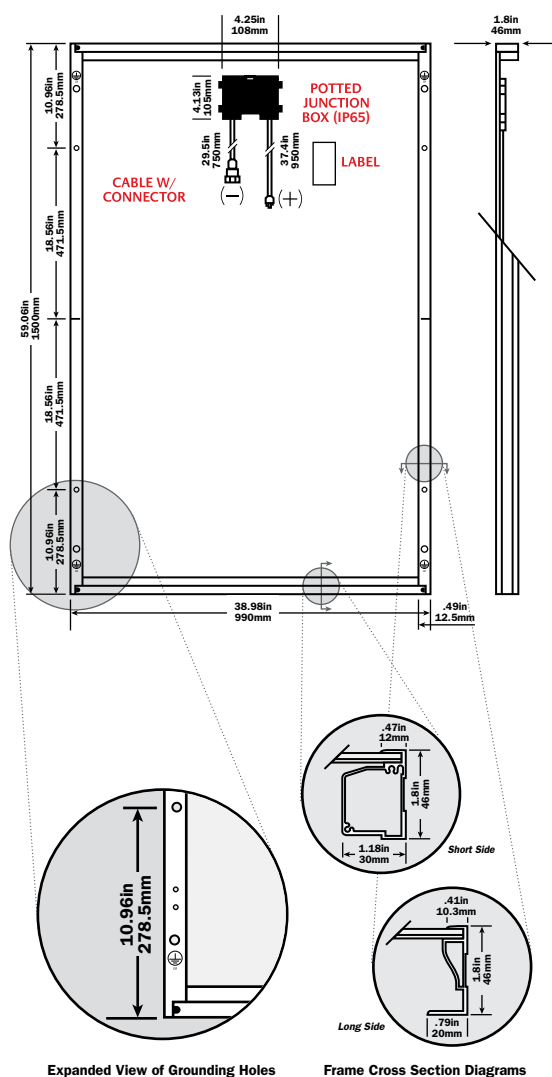
PACKAGING SPECIFICATIONS

Modules per pallet: 20

Pallets per 53' container: 38

Pallet box dimensions: 64in/44in/47in
 length/width/height

Pallet box weight: 950lbs (430.0kg)



Legend

○ MOUNTING HOLES .35in (9mm) ■ DRAINAGE HOLES ⊕ GROUND SYMBOL .35in (9mm)