



KD 315-80 P Series

(Pending UL)

CUTTING EDGE TECHNOLOGY

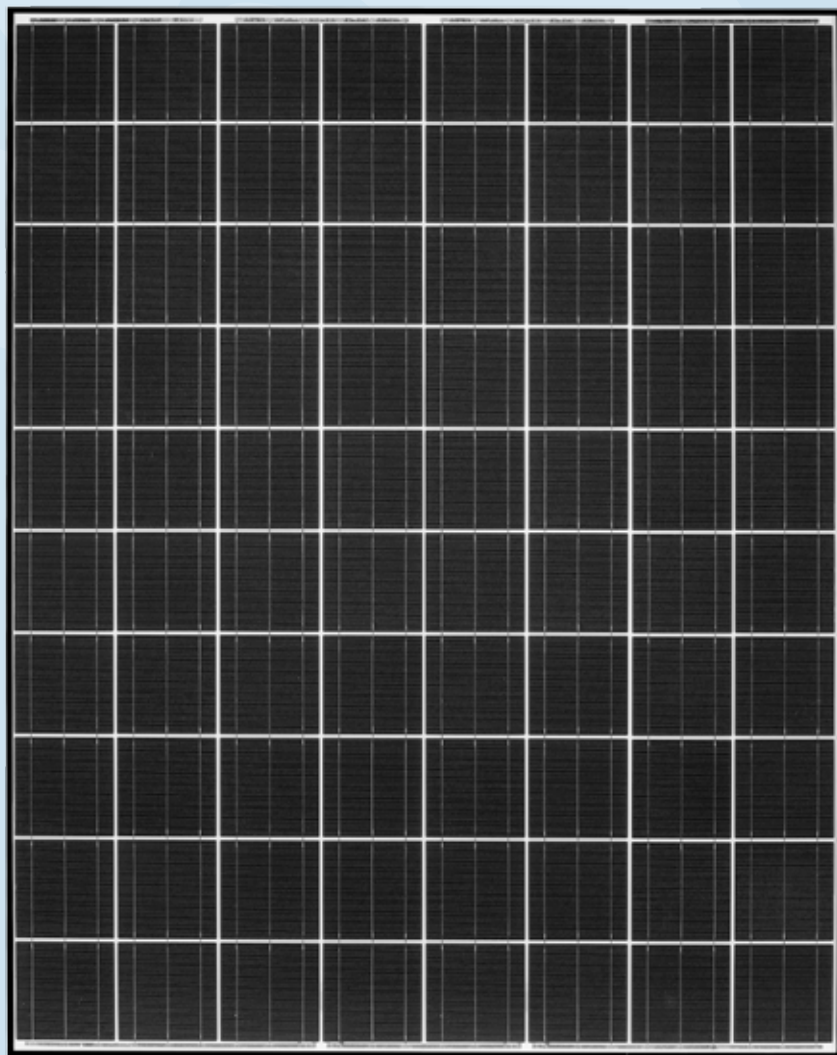
As a pioneer with over 35 years in the solar energy industry, Kyocera demonstrates leadership in the development of solar energy products. Kyocera's *Kaizen* Philosophy, commitment to continuous improvement, is shown by repeatedly achieving world record cell efficiencies.

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



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



ELECTRICAL SPECIFICATIONS

Standard Test Conditions (STC)

STC = 1000 W/M² irradiance, 25°C module temperature, AM 1.5 spectrum*

KD315GX-LPB

P _{mp}	315	W
V _{mp}	39.8	V
I _{mp}	7.92	A
V _{oc}	49.2	V
I _{sc}	8.50	A
P _{tolerance}	+5/-3	%

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}	226	W
V _{mp}	35.8	V
I _{mp}	6.34	A
V _{oc}	45.0	V
I _{sc}	6.88	A

Temperature Coefficients

P _{max}	-0.51	%/°C
V _{mp}	-0.52	%/°C
I _{mp}	0.0064	%/°C
V _{oc}	-0.36	%/°C
I _{sc}	0.061	%/°C
Operating Temp	-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.

MODULE CHARACTERISTICS

Dimensions: 65.43in/51.97in/1.8in
length/width/height
(1662mm/1320mm/46mm)

Weight: 60.6lbs (27.5kg)

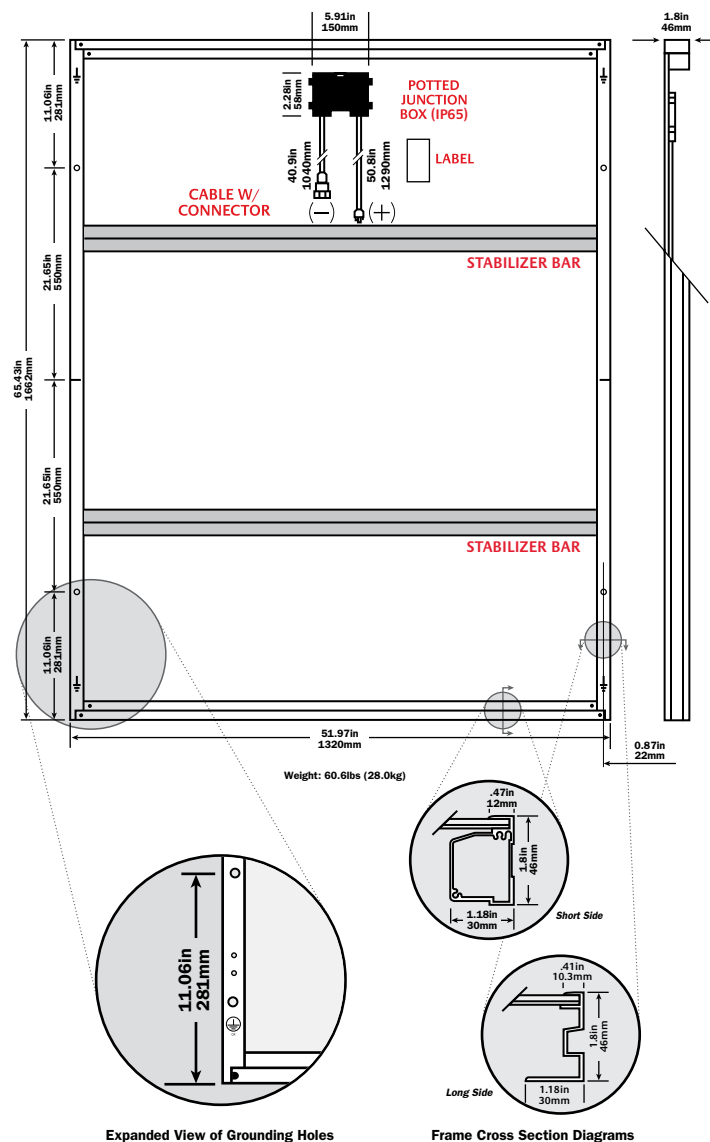
PACKAGING SPECIFICATIONS

Modules per pallet: 20

Pallets per 53' container: 22

Pallet box dimensions: 66in/53in/47in
length/width/height
(1675mm/1330mm/1190mm)

Pallet box weight: 1323 lbs (600kg)



NEC 2008 COMPLIANT
UL 1703 LISTED
CERTIFIED IEC61215 ED2 IEC61730 BY JET



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

Legend

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