

KD200-54 P Series



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

Also available:



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

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				
	KD205GX-LPU	KD210GX-LPU	KD215GX-LPU	
P_{max}	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)				
T_{NOCT}	47.9	47.9	47.9	°C
P_{max}	145	149	152	W
V_{mp}	23.6	23.6	23.6	V
I_{mp}	6.17	6.32	6.47	A
V_{oc}	30.0	30.0	30.0	V
I_{sc}	6.78	6.62	7.12	A

Temperature Coefficients				
P_{max}	-0.938	-0.964	-0.991	W/°C
V_{oc}	-0.120	-0.120	-0.120	V/°C
I_{sc}	0.00502	0.00515	0.00527	A/°C
Operating Temp	-40~90	-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

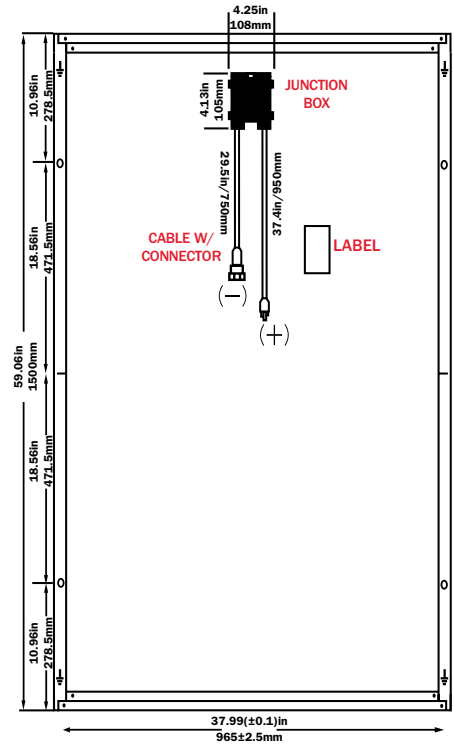


Registered to ISO9001-2000

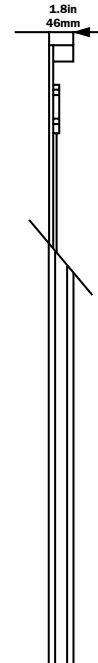
Kyocera reserves the right to modify these specifications without notice.

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

MECHANICAL SPECIFICATIONS



Weight: 39.7lbs (18.0kg)



Legend

- MOUNTING HOLES
- DRAINAGE HOLES
- △ GROUNDING HOLES

AUTHORIZED DISTRIBUTOR