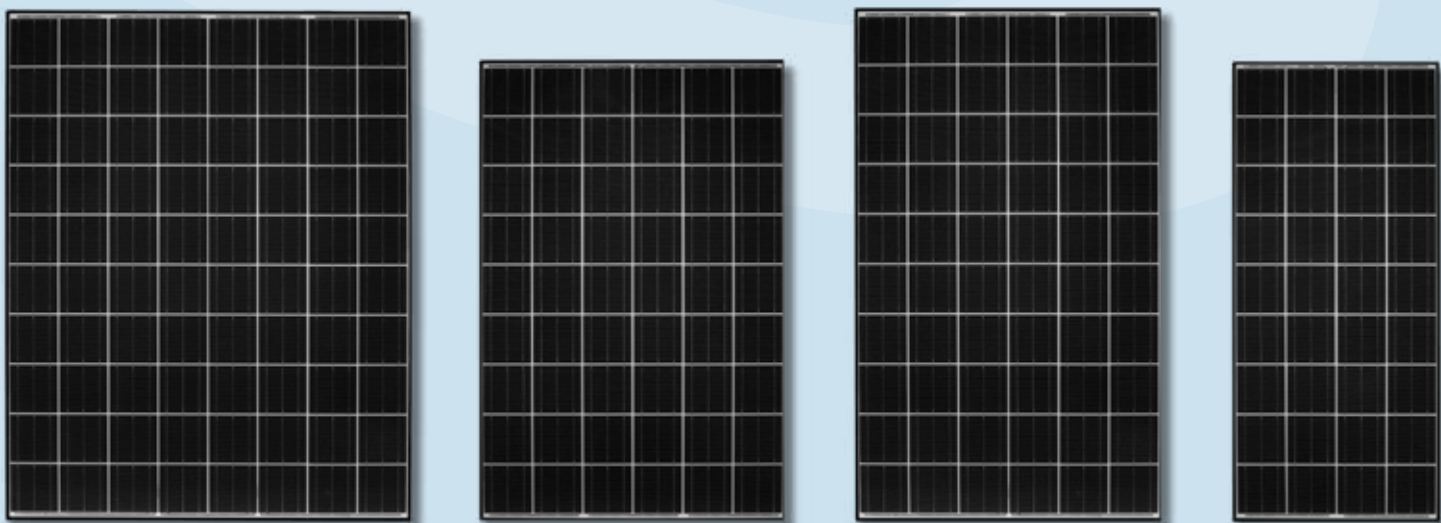




KD P Series Family



KYOCERA KD MODULES

Kyocera multicrystal photovoltaic KD Modules utilize a larger, more powerful, high efficiency 156mm x 156mm solar cell and produce higher output per module.

- Quality locking MC4 plug-in connectors to provide safe and quick connections
- UV stabilized, heavy duty, and aesthetically pleasing black anodized aluminum frame
- 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

RELIABLE

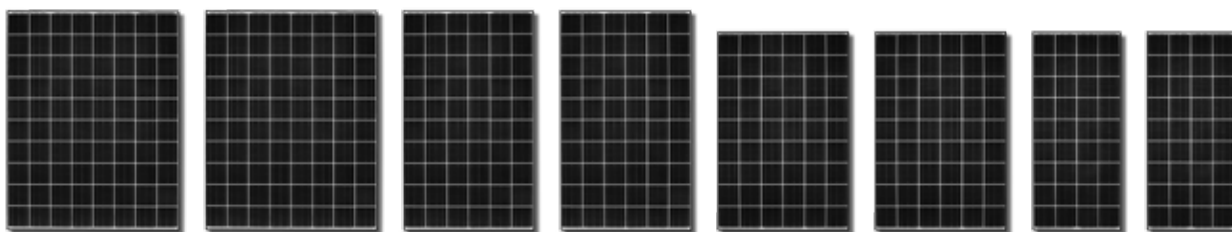
- Proven superior field performance
- Tight power tolerance
- First module to pass rigorous long-term testing performed by TÜV Rheinland



KYOCERA EMPOWERS YOUR FUTURE

Kyocera began research and development of solar energy back in 1975. Since then, we have been leading the solar industry with the development of the most efficient and cost effective systems available. With over 35 years of experience in solar, Kyocera is a natural industry leader. Our modules are ideal for a wide range of applications from utility-scale to on-grid commercial and residential, providing superior field performance among the competition. Kyocera stands behind its products and has a proven reputation within the solar industry for quality and reliability.

SPECIFICATIONS

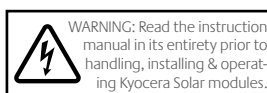


Standard Test Conditions (STC)
 STC = 1000 W/M² irradiance, 25°C module temperature, AM 1.5 spectrum*

| | KD320 | KD315 | KD245 | KD240 | KD220 | KD215 | KD140 | KD135 |
|------------------------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Maximum Power | 320W | 315W | 245W | 240W | 220W | 215W | 140W | 135W |
| Number of Cells | 80 | 80 | 60 | 60 | 54 | 54 | 36 | 36 |
| Tolerance | +5% / -3% | +5% / -3% | +5% / -3% | +5% / -3% | +5% / -0% | +5% / -0% | +7% / -0% | +7% / -0% |
| Maximum System Voltage | 600V | 600V | 600V | 600V | 600V | 600V | 600V | 600V |
| Maximum Power Voltage | 40.1V | 39.8V | 29.8V | 29.8V | 26.6V | 26.6V | 17.7V | 17.7V |
| Maximum Power Current | 7.99A | 7.92A | 8.23A | 8.06A | 8.28A | 8.09A | 7.91A | 7.63A |
| Open Circuit Voltage | 49.5V | 49.2V | 36.9V | 36.9V | 33.2V | 33.2V | 22.1V | 22.1V |
| Short Circuit Current | 8.60A | 8.50A | 8.91A | 8.59A | 8.98A | 8.78A | 8.68A | 8.37A |
| Series Fuse Rating | 15A | 15A | 15A | 15A | 15A | 15A | 15A | 15A |
| Length | 65.4" | 65.4" | 65.4" | 65.4" | 59.1" | 59.1" | 59.1" | 59.1" |
| Width | 52.0" | 52.0" | 39.0" | 39.0" | 39.0" | 39.0" | 26.3" | 26.3" |
| Depth | 1.8" | 1.8" | 1.8" | 1.8" | 1.8" | 1.8" | 1.8" | 1.8" |
| Weight | 60.6 lbs | 60.6 lbs | 46.3 lbs | 46.3 lbs | 39.7 lbs | 39.7 lbs | 27.6 lbs | 27.6 lbs |
| Termination Method | Locking Plug-in Connectors | | | | | | | |

* Subject to simulator measurement uncertainty of +/- 3%.
 KYOCERA reserves the right to modify these specifications without notice.
 For more detailed specifications, visit www.kyocerasolar.com

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



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