



390w solar panel

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Eagle 72M is a panel from world's largest manufacturer Jinko Solar. It is designed for commercial and industrial projects of a small and large scope, though you can use it for building a residential system as well.

Jinko Solar module provides 390 Watts of power with 19.67% conversion rate -- much higher than average numbers in the industry. High production levels are achieved by using Diamond half-cut PERC solar cells. Half-cut cell design lowers the resistance of a cell and PERC technology increases the efficiency by 1% by itself.

Potential Induced Degradation was a real bane for many solar manufacturers not that long ago. PID could lower the output of the panel by 20-25% and was especially common in wet areas. However, engineers have managed to minimize its impact on modules. Eagle 72M is a PID-free module and half-cut design of a cell minimizes the risk of hot spots development and the impact of microcracks on production.

The panel is well protected from all kinds of extreme weather conditions. Anodized aluminum frame and 3.2 mm tempered glass protect solar cells. The module withstands 5400 Pa snow load and 2400 Pa wind load. It is certified for salt mist and ammonia resistance.

The Jinko Solar Eagle G2 JKM390M-72HL-V solar panel features 144 5-busbar Diamond Mono PERC half-cells that are PID Free and shade tolerant. They are certified for high snow (5400Pa) and wind (2400Pa) loads and have an IP67 Rated Junction Box for longevity in outdoor environments. Featuring High-voltage 1500V capability with UL & IEC certification, you can run longer strings with lower balance of system costs and better LCOE.

Jinko Eagle 72HM G2 solar panels include a 10-year workmanship warranty and a 25-year linear power warranty.

Eagle G2 JKM390M-72HL-V modules consist of half-cut Diamond cells. These uniquely designed cells feature high-efficiency mono PERC technology. Half cell modules have twin arrays and thus increased tolerance to shade. There's also less current loss, for higher module power.

Jinko Solar has a strategic relationship with DuPont(TM), the inventor of Kevlar, to incorporate its strong, durable Tedlar(R) material into every one of Jinko's Eagle G2 module backsheets. Tedlar is the only material proven to last more than 30 years in the field. Because backsheet failures represent a large problem in the field, many customers insist on Jinko Solar due to the proven materials they use.

10 Year Workmanship Warranty



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25 Year Linear Power Warranty

Uniquely designed high performance 5 busbar mono PERC half cell.

Decrease in current loss yields higher module efficiency.

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