

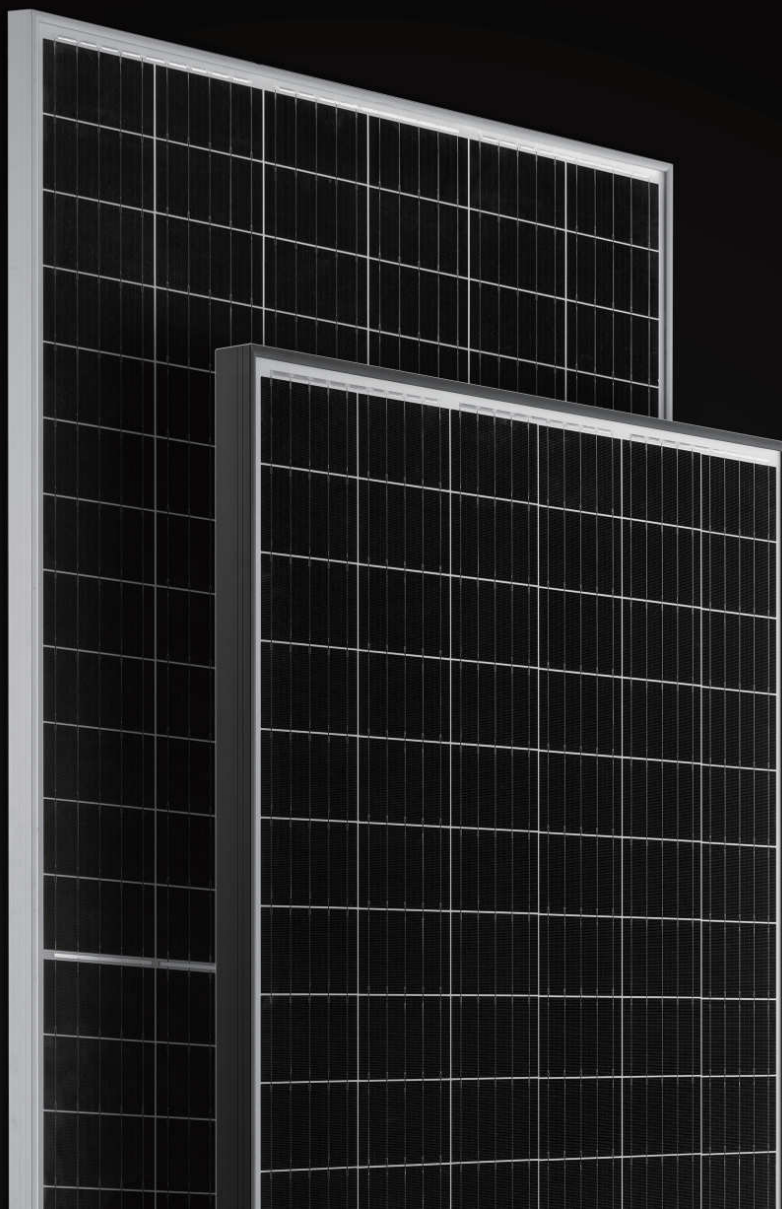
Solar
Jinko

Building Your Trust in Solar

Cheetah



Cheetah

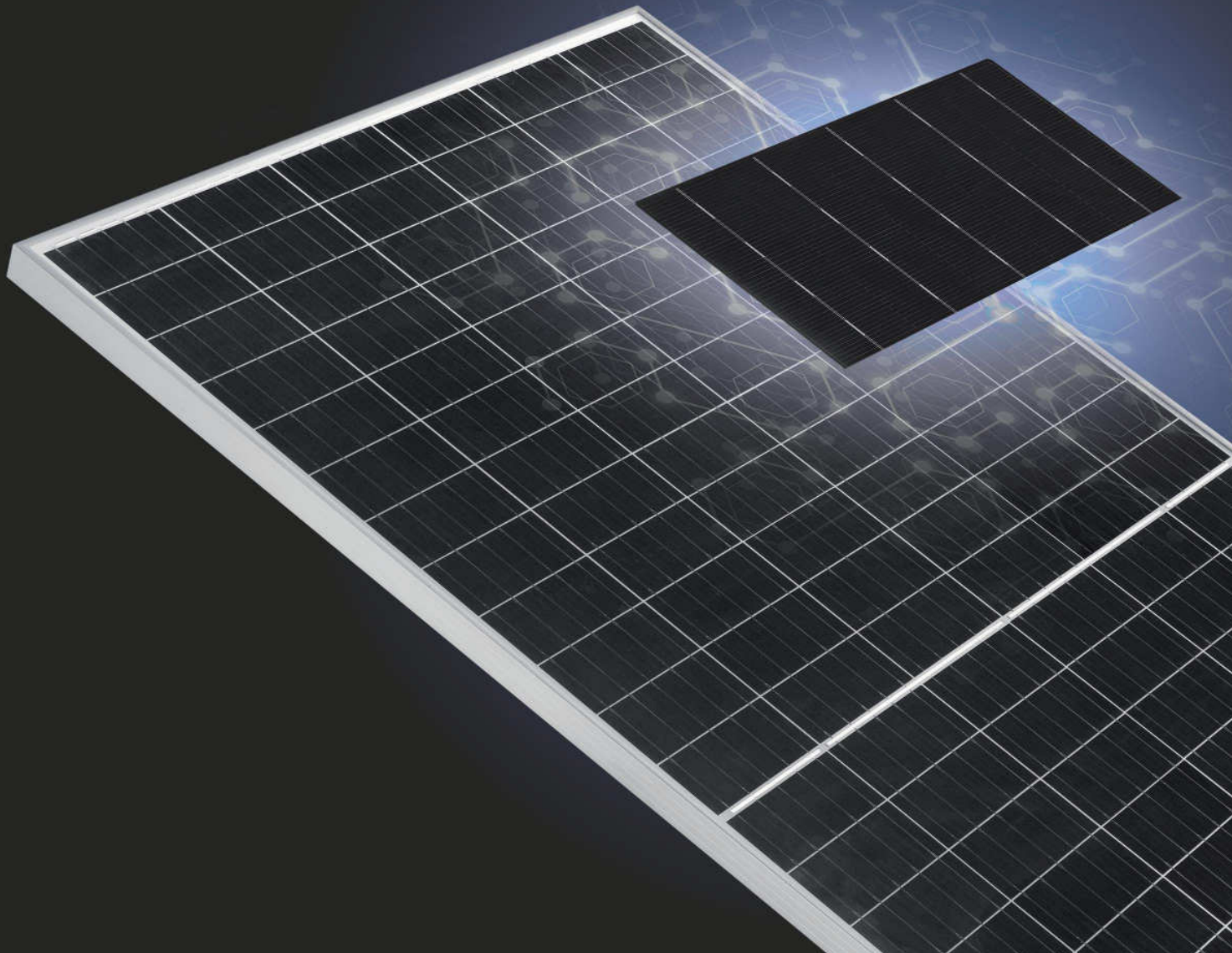


400W

All-New
Cheetah Series

Leading to the Ultra High
Performance Era

Cheetah



Half-Cell Design

Minimizing

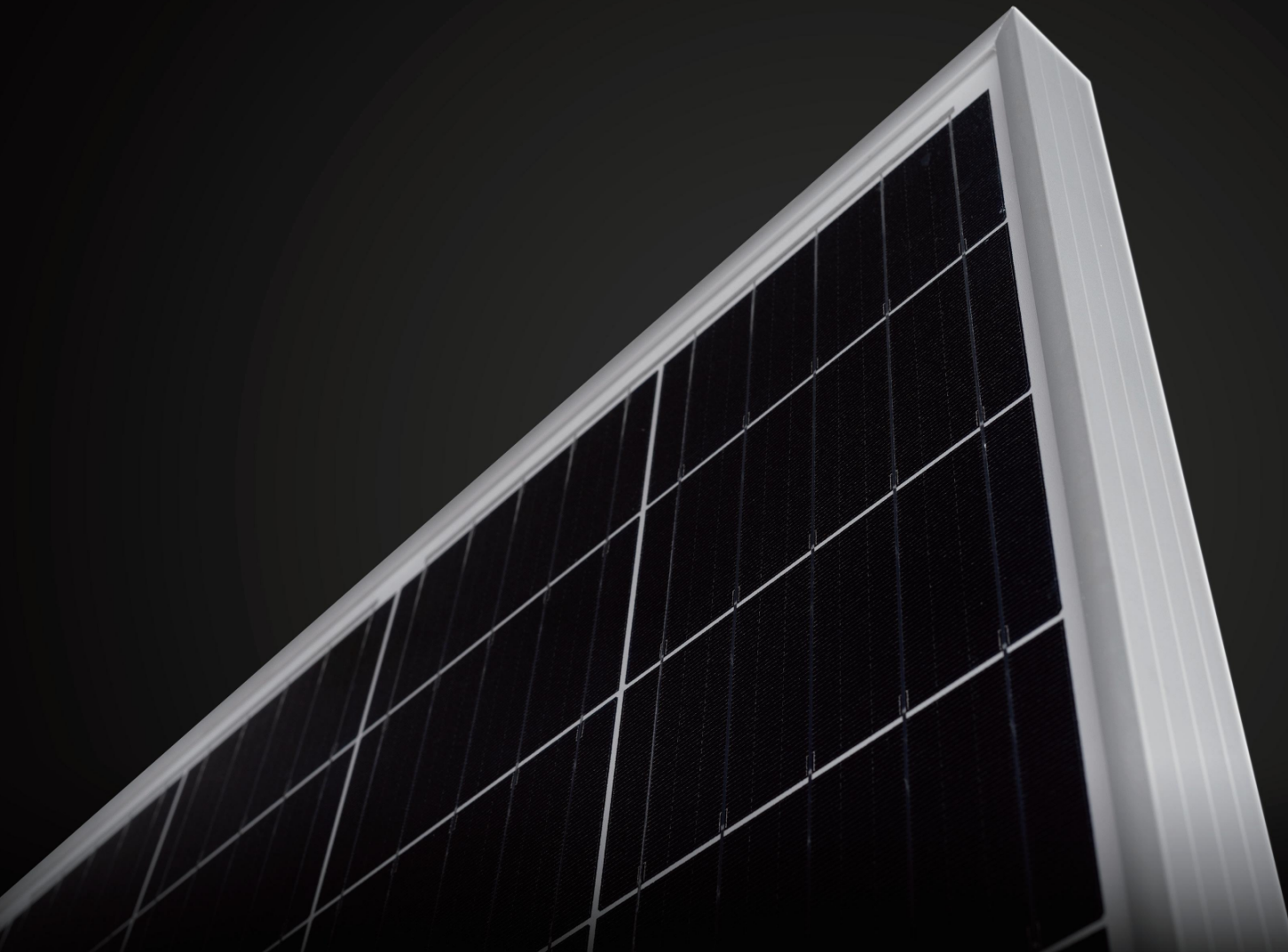
LCOE and

Maximizing IRR

Cheetah

Double the
Protection

High Performance
Under Extreme
Environmental
Conditions



To achieve grid parity, JinkoSolar dedicated to develop advanced PV technologies to reduce the cost of renewable energy. Cheetah is designed to fulfill this purpose via its ultra-high module efficiency.

Cheetah enters a new paradigm, and new wafer size, new cell and module designs will keep pushing power results higher, even above 400 Wp.

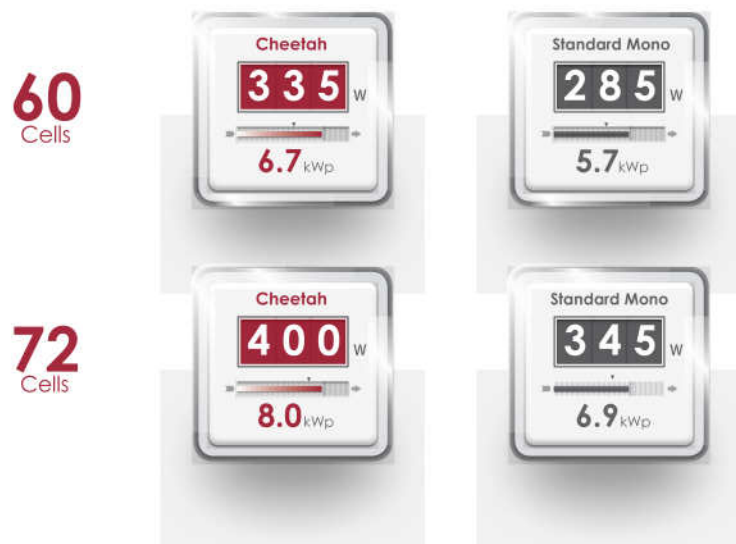


| |
|--|
| 315W / 320W / 325W / 330W / 335W |
| 18.67% / 18.96% / 19.26% / 19.56% / 19.85% |
| 60 cells |
| 380W / 385W / 390W / 395W / 400W |
| 18.89% / 19.14% / 19.38% / 19.63% / 19.88% |
| 72 cells |
| (Module efficiency) |

More Power Generation

Now you can own the most powerful and the most economic feasible solar panels commercially available for purchase today. Cheetah of power up to 400 Wp, will maximize your PV system capacity, generating more energy over 25 years and maximizing the customer's economic returns.

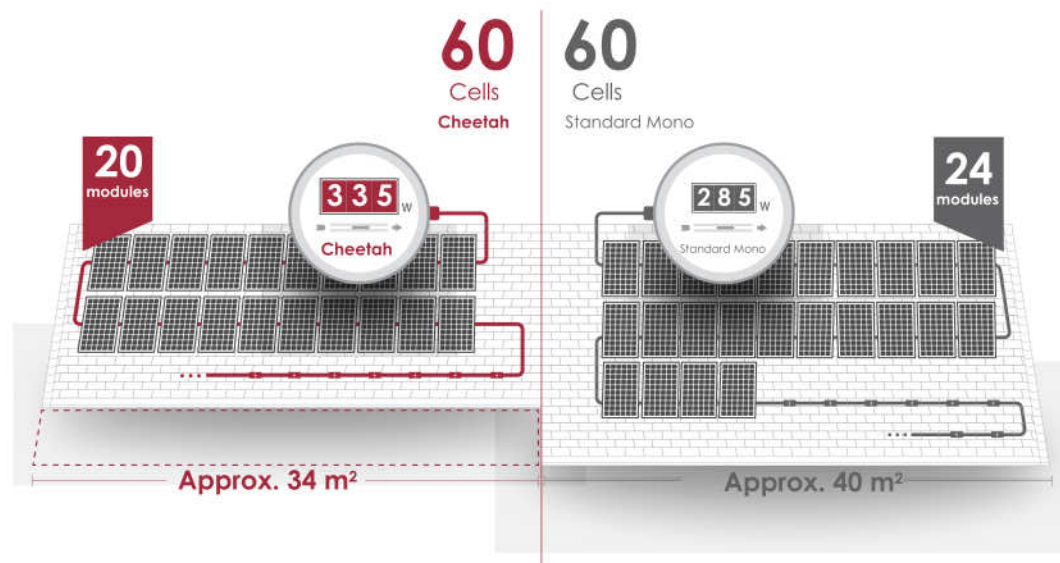
*Capacity of solar power system with 20 modules



More Power in Less Space

Cheetah's ultra high output reduces the project space. More Watts can fit to the rooftops, fully utilizing the economic advantage of a rooftop system and maximizing the power output from this roof space.

* Comparison of installing 6.7KW on the roof

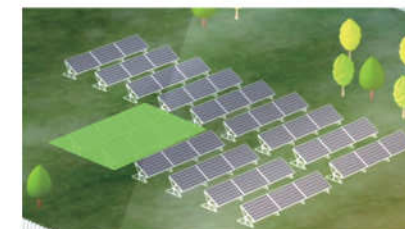


More Power in Less Cost

High module power leads to low land usage, BOS and labor costs.



Conventional 72 cell



Cheetah 72 cell

*Example : North America - 100MW Project

| | Conventional 375Wp | Cheetah HC 400Wp |
|---------------------------|--------------------------|--------------------------|
| No. of Module | 266,682 | 250,016 |
| No. of 40' Container | 428 | 437 |
| Plant Area | 1,861,185 m ² | 1,809,316 m ² |
| Area Increment | 0 | -2.79% |
| Length of Steel Structure | 529.1 km | 501.0 km |
| Steel Structure Increment | 0 | -5.31% |

The IRR Comparison

9.35%



Cheetah

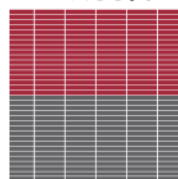
8.95%



Conventional

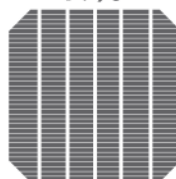
High Efficiency Cell Size

19.88%



158mm
Cheetah

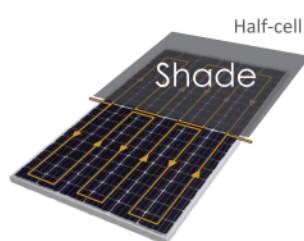
19%



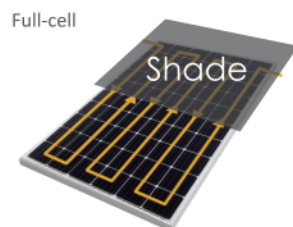
156mm
Conventional

Improved Performance of Half Cells

Half cut design ensures an improved shading response, resulting in higher yields when the module is partially shaded. Shading loss of half-cell is much better than conventional module in certain shading conditions.



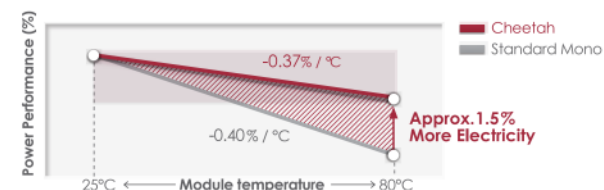
~50% power output



0 power output

Improved Temperature Coefficient

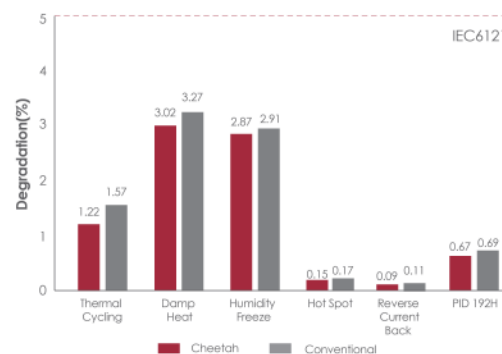
Cheetah has improved the temperature coefficient to $-0.37\%/^{\circ}\text{C}$, the actual output can be increased 3% on the daylight time and which is perfect for delivering substantially more electricity on a hot summer's day.



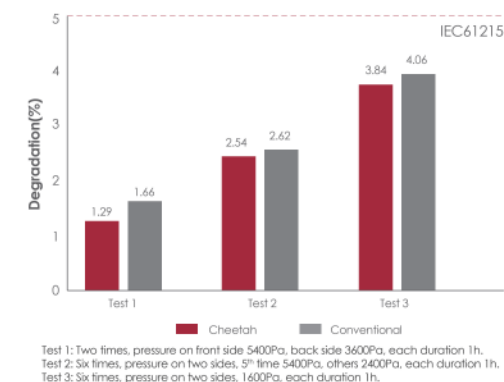
Doubled Security

Cheetah yield security by double Anti-PID standard, and double the intensity specified in the IEC standard.

Reliability Test



Mechanical Loading Test



Both Jinko Cheetah and conventional modules features advanced reliability and mechanical durability under extreme conditions, substantially surpassing the standard required by IEC61215.