

Hi-MO X6 Product Family

Four series of Hi-MO X6 can meet diverse customer needs to deliver a brand-new renewable energy experience.

 Aesthetic |  Efficient |  Reliable |  Intelligent



Hi-MO X6 Explorer | Hi-MO X6 Scientist | Hi-MO X6 Guardian | Hi-MO X6 Artist

Hi-MO X6 Explorer

Classic, but with Revolutionary Changes

Unique high-efficiency HPBC cell structure sets new standard for PV technology

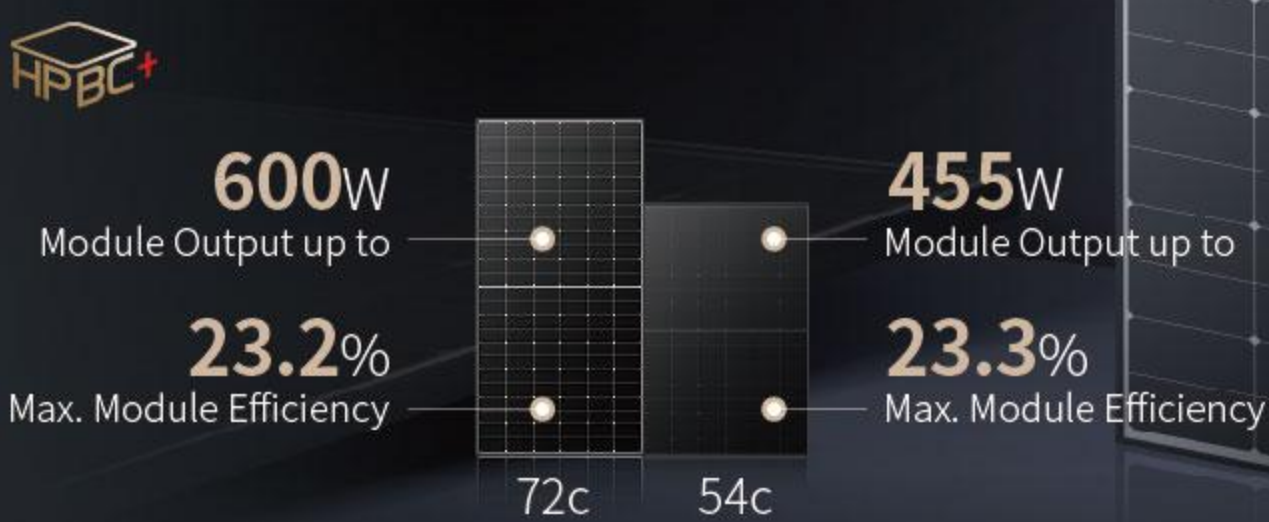


- High-efficiency Cells
- Aesthetic Appearance
- Outstanding Performance
- Market-leading Reliability

Hi-MO X6 Scientist

Being Better is Our Standard

Propelling the clean energy transformation into the Terawatt Era with ultra-high performance



- Prime Efficiency
- Market-leading Reliability
- Upgraded Service
- Extended Warranty

Hi-MO X6 Guardian

Empowering an Intelligent Future

Equipped optimizer delivers smarter life



- Independent control of each module and real-time optimization to increase the power generation by 5%-30%
- Regardless of orientation, higher versatility for all strings and flexible design to increase capacity
- 24-hour real-time power station monitoring with the intelligent analysis algorithm
- Rapid shutdown for an emergency to ensure personal and property safety

- Intelligent Monitoring
- Rapid Shutdown
- Real-time Optimization
- Increased Capability

Hi-MO X6 Artist

Technology and Art in Unison

Powering a colorful life with artistic innovation



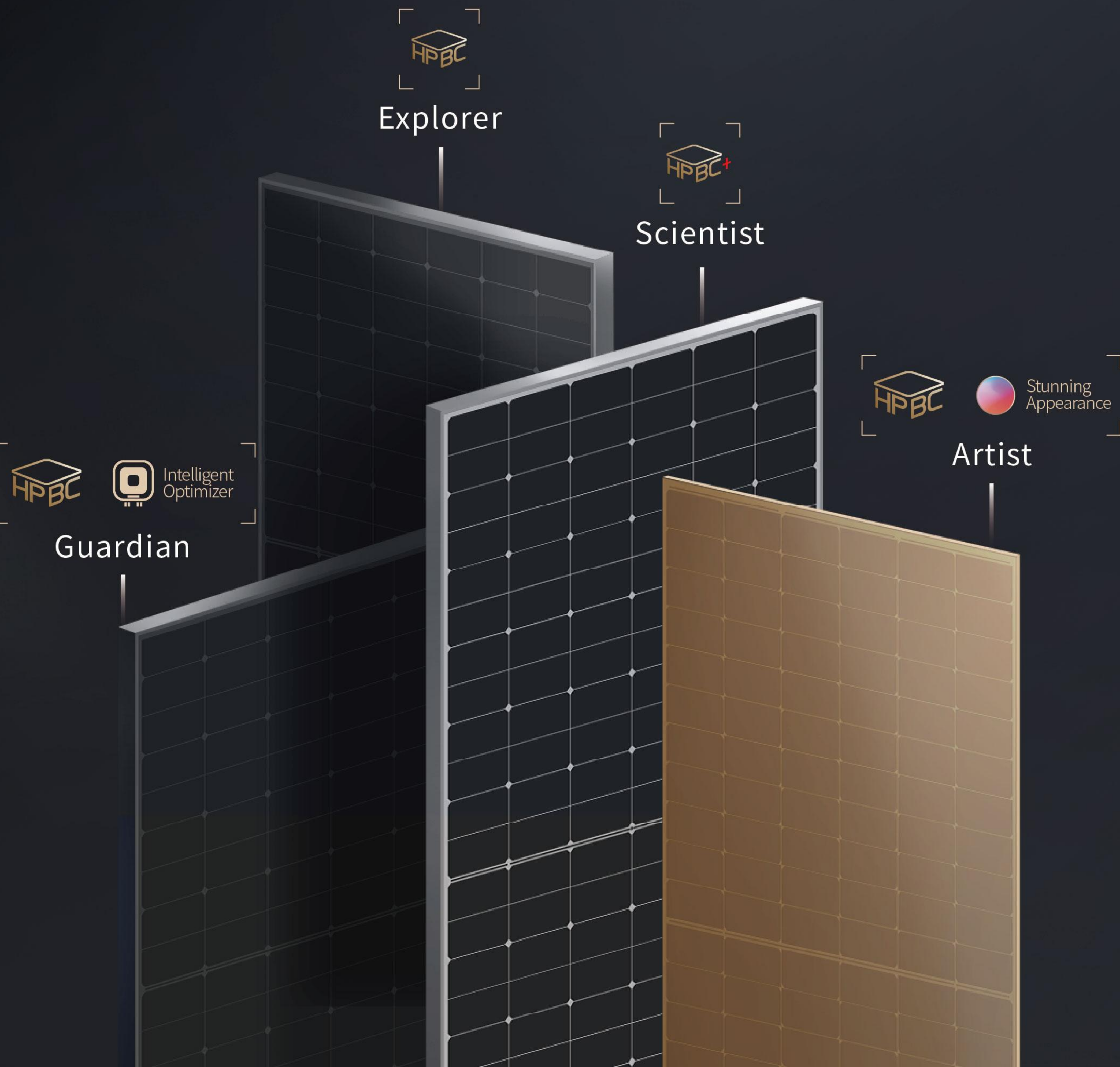
Various colors are available

- Galaxy Silver
- Space Grey
- Cosmic Beige
- Ocean Blue
- Eclipse Red
- Lighting up the Architectural Inspiration
- Connecting Life and Technology

LONGI

Hi-MO X6

Illuminating Possibilities



LONGI
www.longi.com

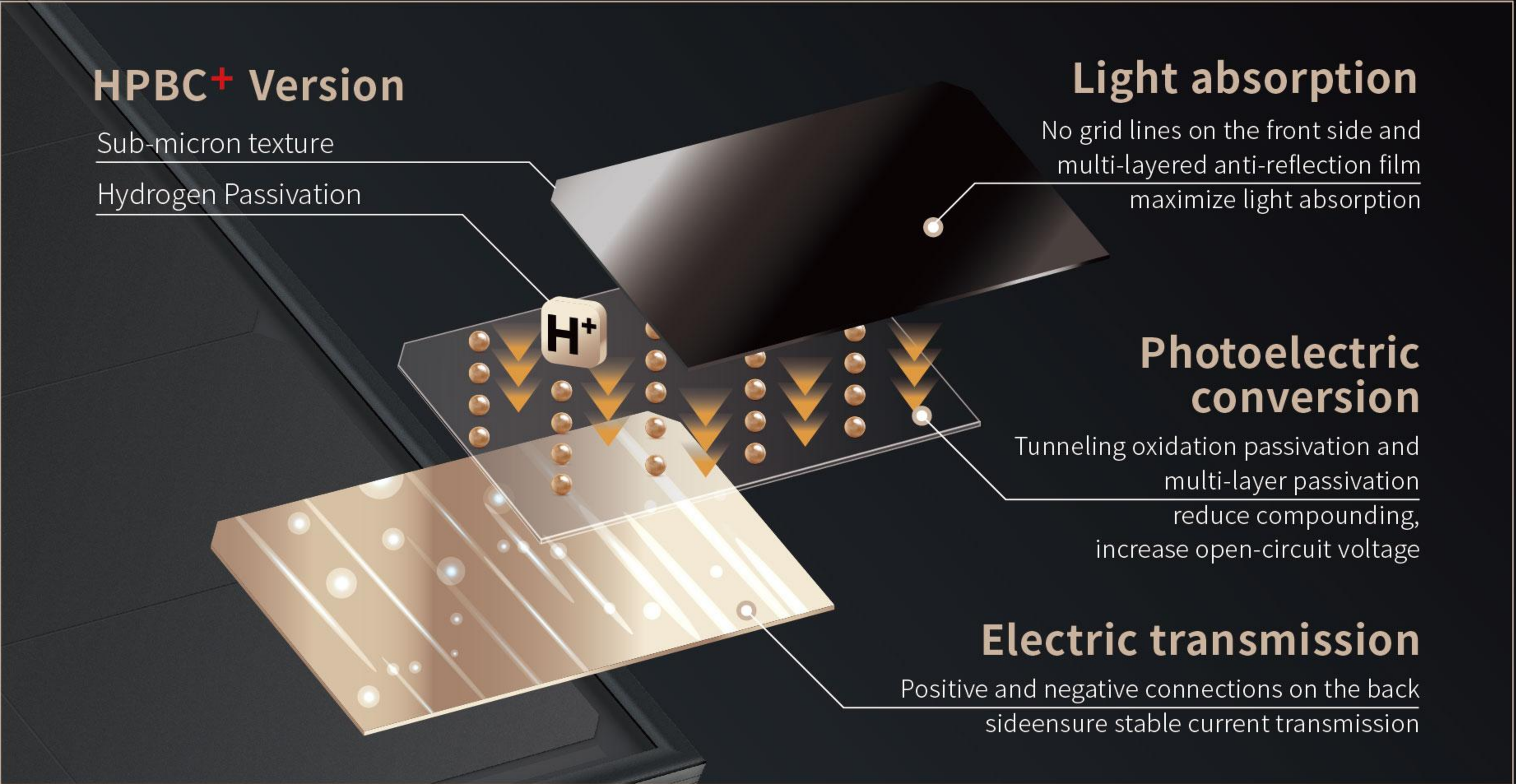
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A New Evolution

Hi-MO X6

LONGi new generation HPBC cell technology opens a new chapter in the mass production of high-efficiency cells and continues to lead the reform of the industry.

The efficiency of LONGi HPBC cells exceeds **25.5%**
The efficiency of the HPBC+ cells exceeds **25.8%**



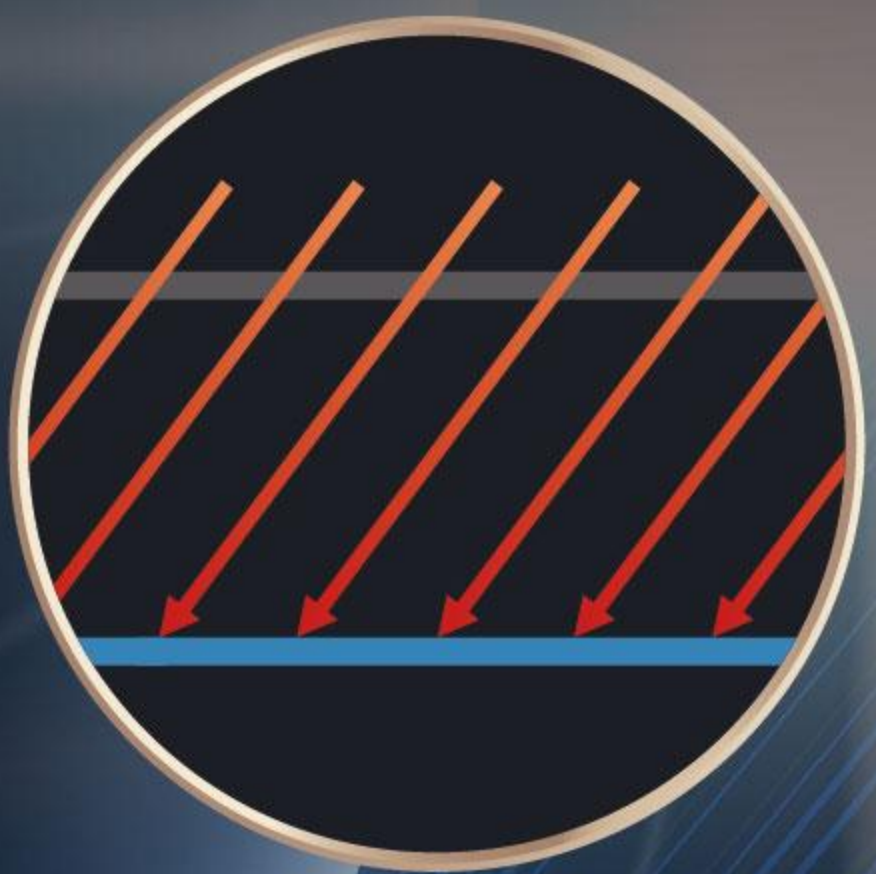
Comprehensive Upgrade

Better Power

Generation Performance

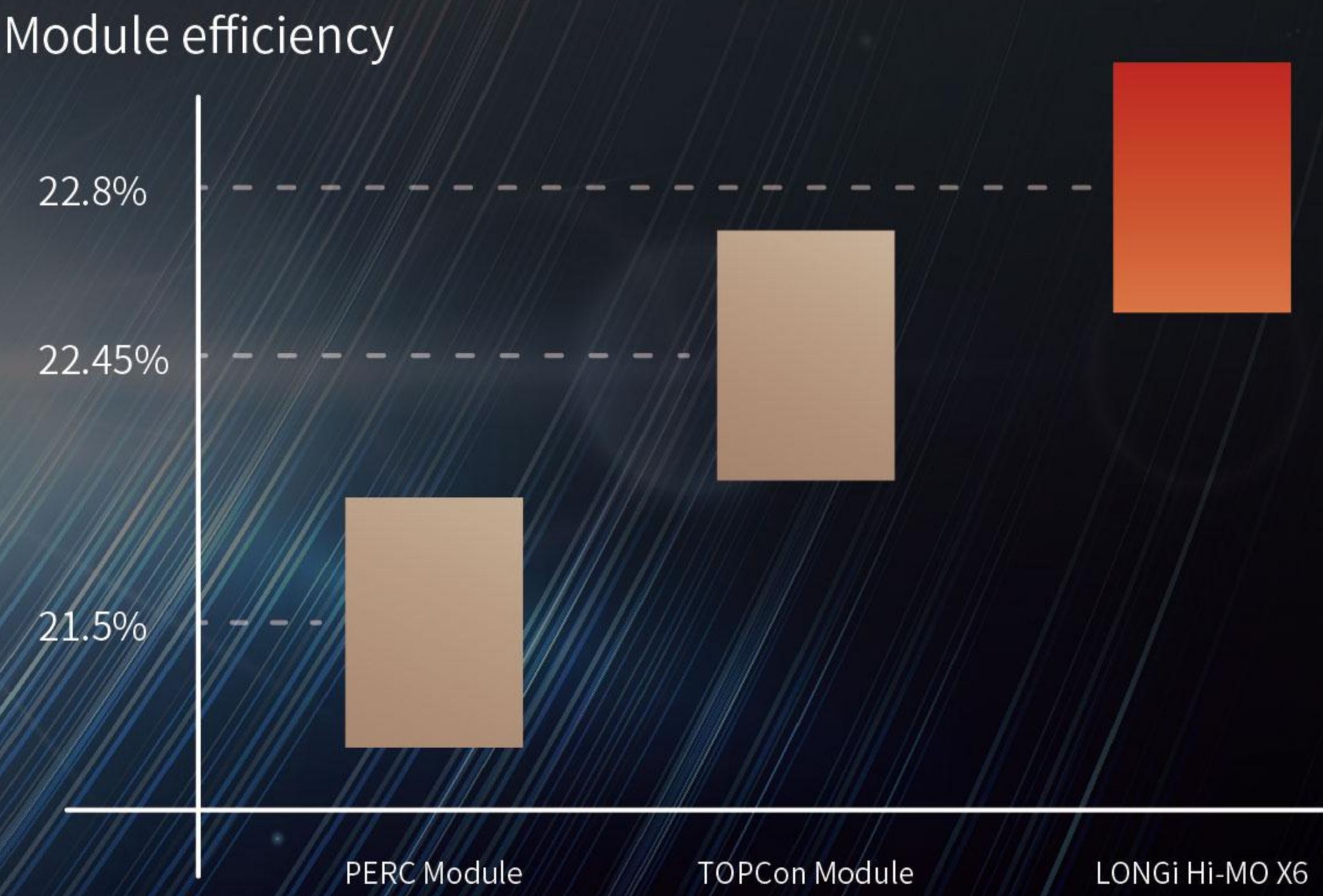
Bringing the module efficiency and the installation capacity to a new level

Multi-angle incidence
Unshielded absorption



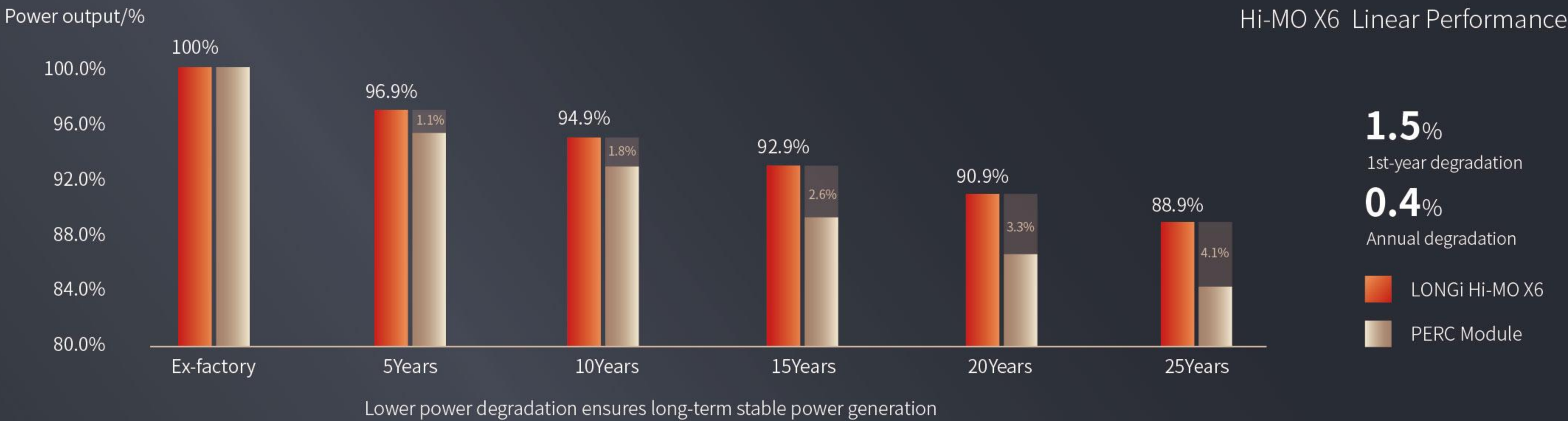
Front Glass Cell

No busbar shielding on the front improves light absorption by about **2.27%**



Significant improvement of module efficiency compared to PERC and TOPCon technology

Lower degradation & Extended warranty

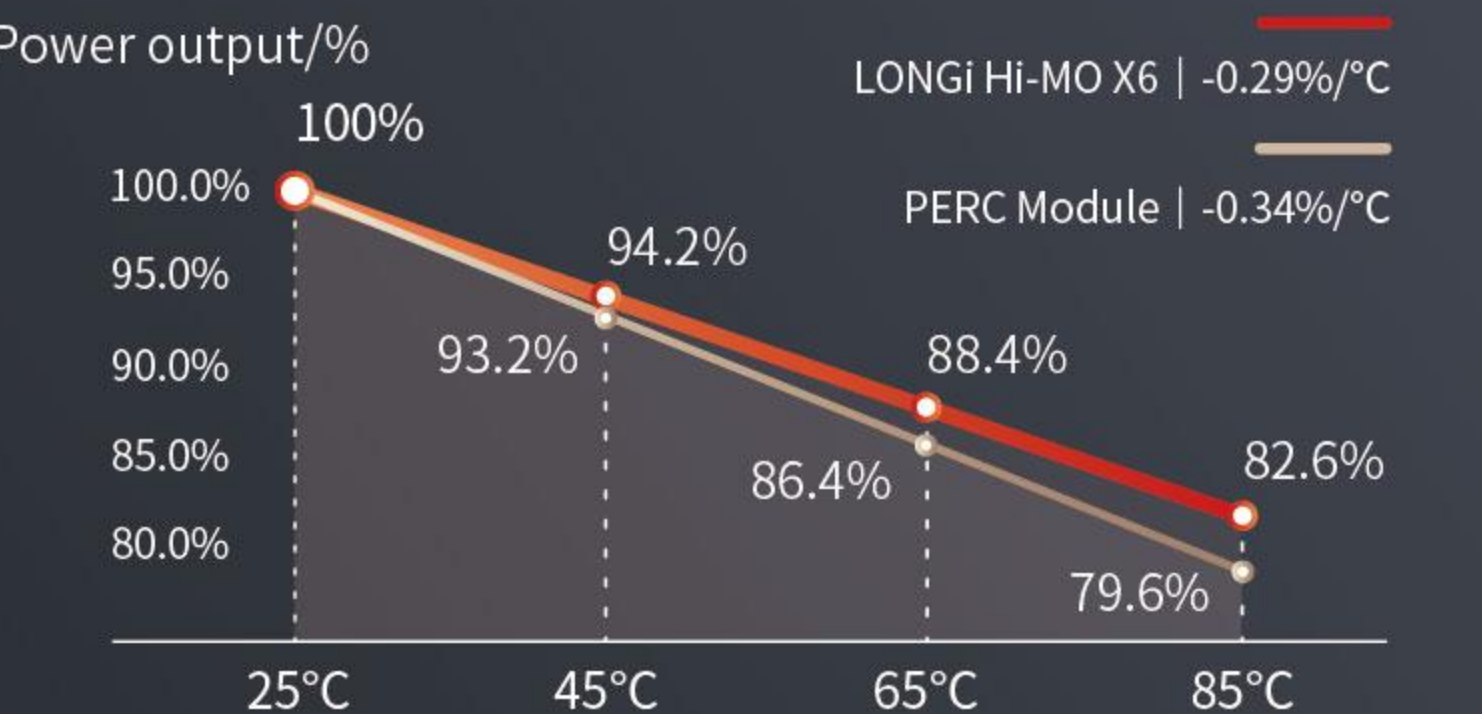


Hi-MO X6 Linear Performance

1.5%
1st-year degradation
0.4%
Annual degradation

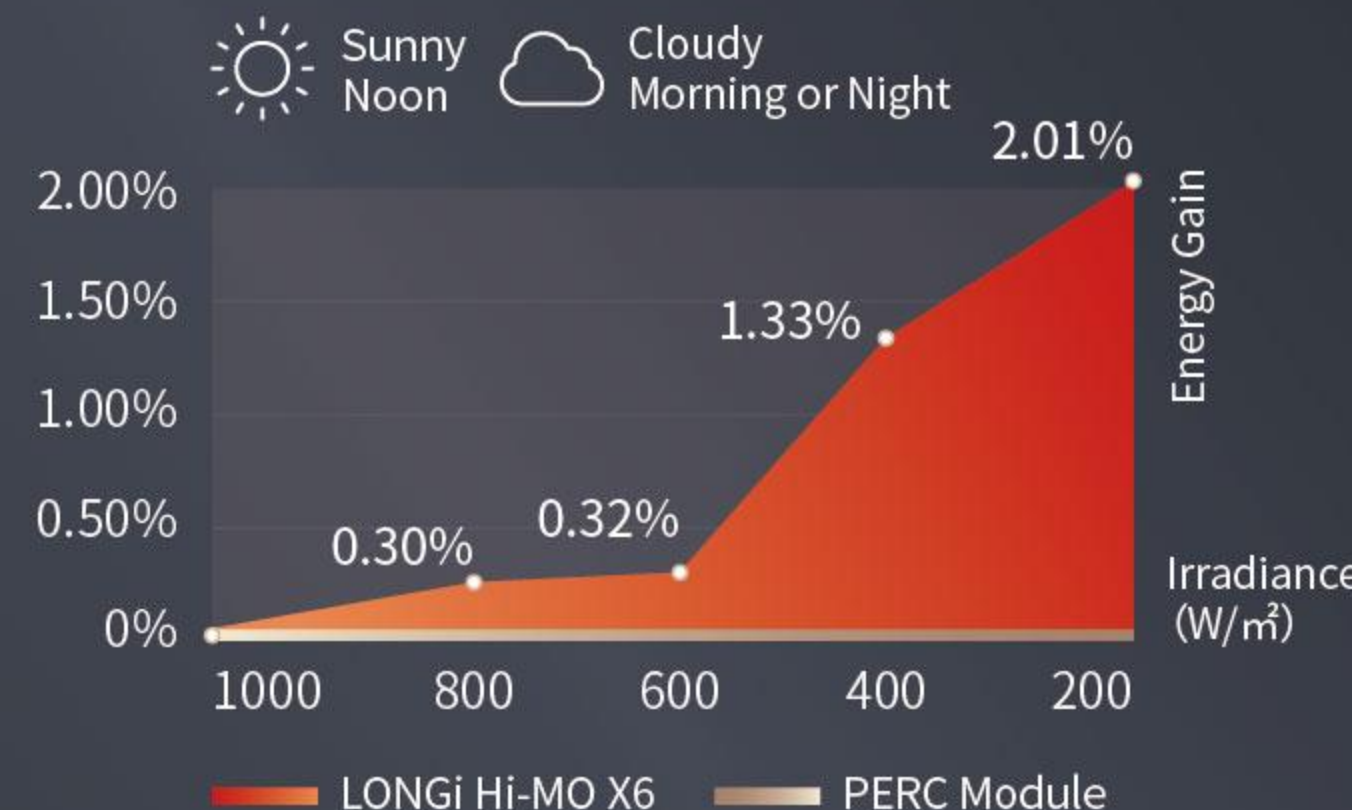
LONGi Hi-MO X6
PERC Module

High-temperature resilience to ensure stable power generation



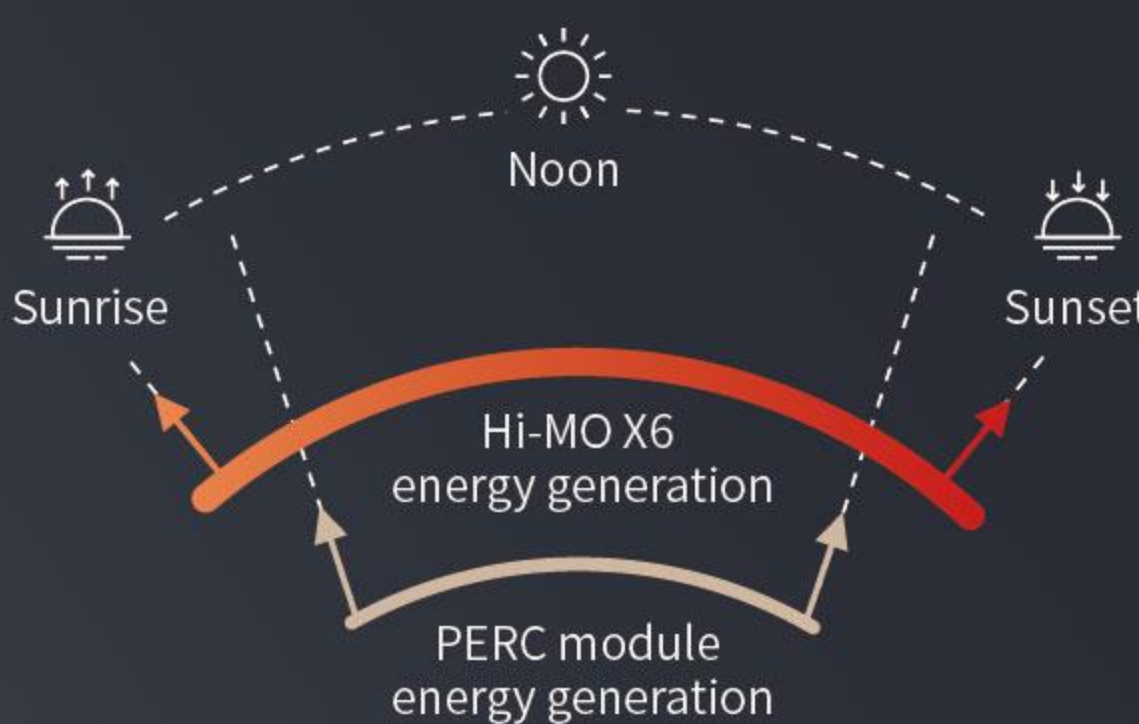
Better performance under high-temperature conditions with an improved power temperature coefficient of **-0.29%/°C**

Better low irradiation performance



HPBC capabilities to produce energy under low irradiation are up to **2.01%**

Longer power generation time



Stability, Safety, and Reliability

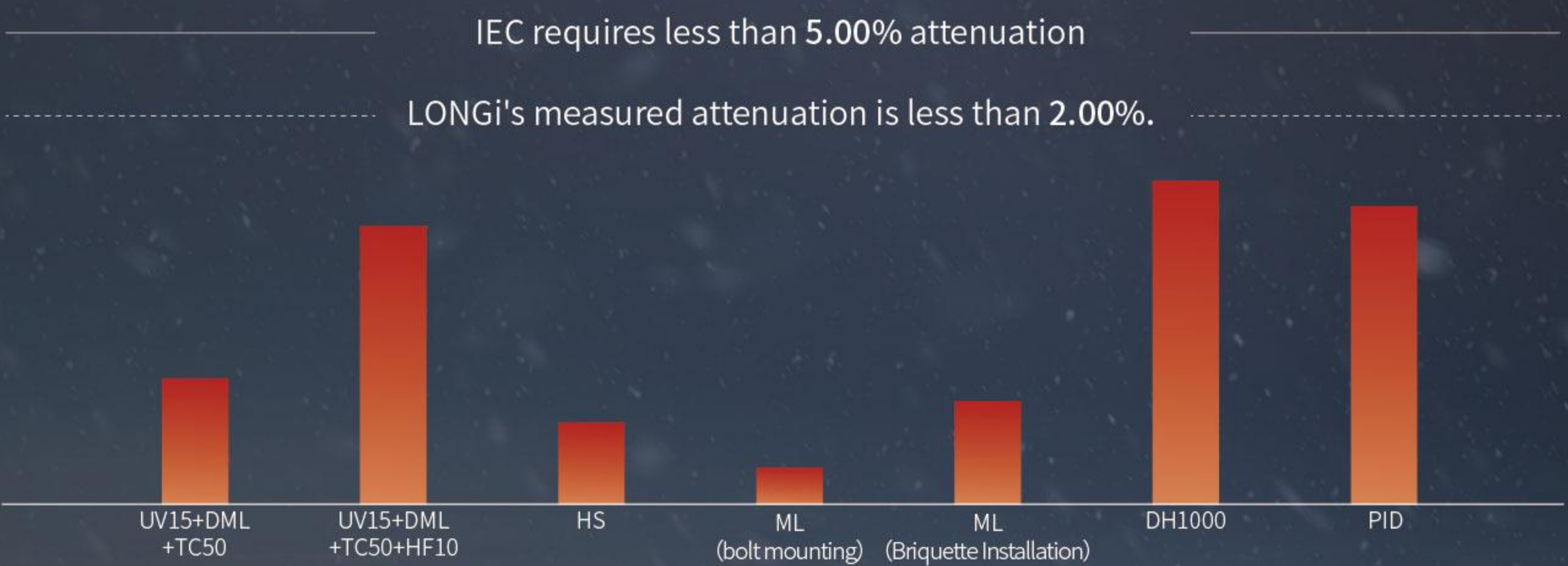
High Quality Assurance



26MPa
Cell edge stress

Back contact welding structure reduces the risk of cell cracking.

Under strict test conditions
LONGi Hi-MO X6 module has been evaluated to meet higher standards than IEC



Maintain excellent performance
under diverse scenarios and extreme weather



Hail Test

Reliability test under Hail condition, enlarge the hailstone to 25mm, 35mm and 45mm, with a speed of 84-134km/h.



Thermal Cycling Test

200 cycle of test under -40°C to 85°C temperature condition.



Salt Mist Corrosion Test

Simulation of Coastal environment, test for 1000 hours in 5% salt water under 35°C.



Dynamic Mechanical Load Test

Simulation of extremely windy conditions, 1000 cycles of test with ±1000Pa maximum stress.