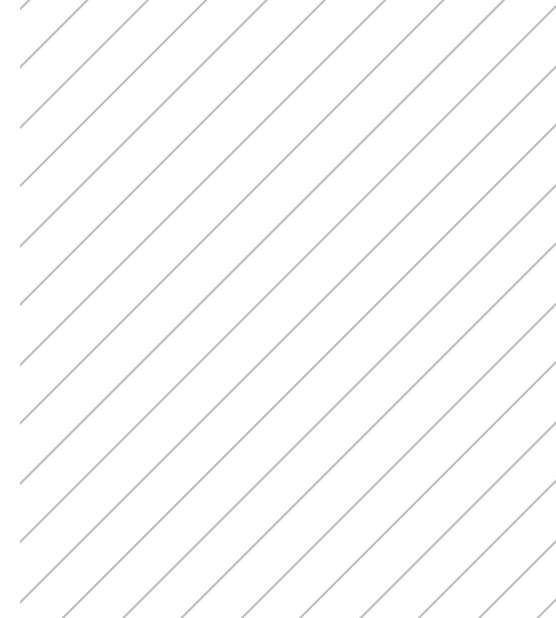




Series 6 CuRe 



**LIFETIME ENERGY ADVANTAGE,  
PROVEN PERFORMANCE.** ●





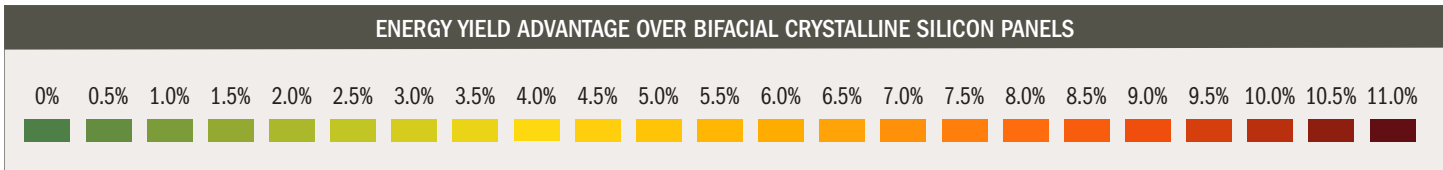
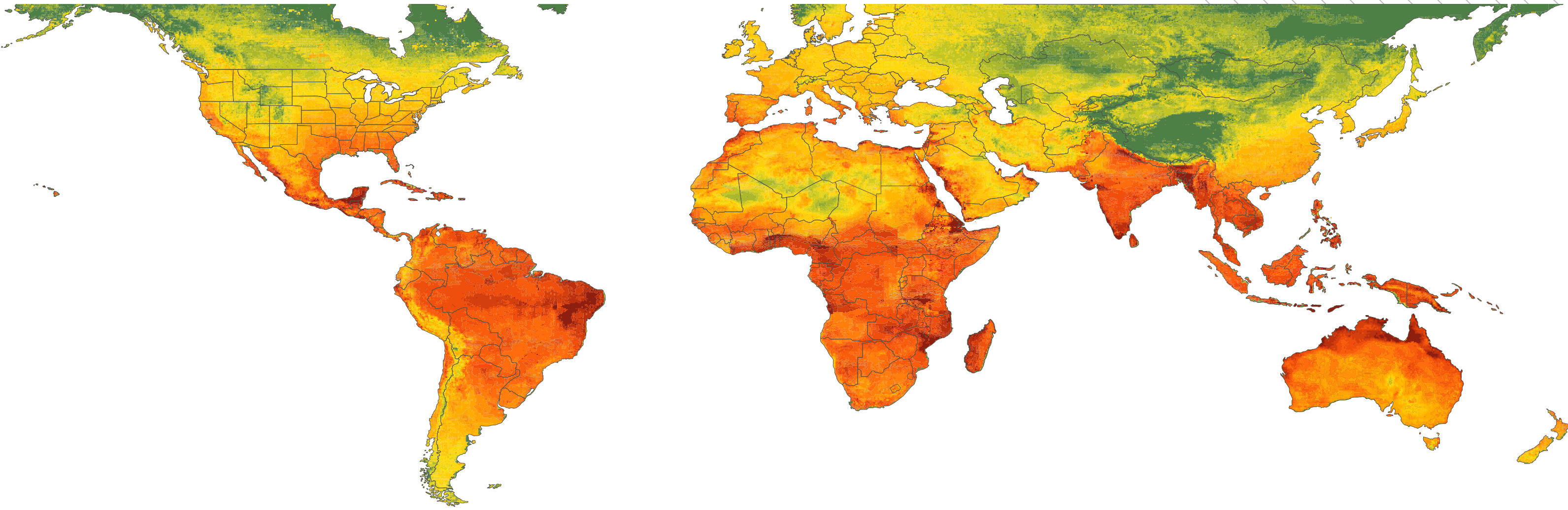


# The World's Most Powerful Thin Film Module to Date ●

For more than 20 years, First Solar has pushed the leading edge of PV thin film technology to boost efficiency and lower the Levelized Cost of Energy (LCOE). Now, First Solar Series 6 CuRe modules, with optimized design and true semiconductor innovation, deliver the lowest warranted degradation rate and highest lifetime energy for large-scale solar projects.



# More Lifetime Energy for Lower LCOE and Higher Return on Investment ●



### Lifetime Energy Advantage

Series 6 CuRe modules outperform the field when it comes to energy production. Compared to the leading bi-facial c-Si modules, Series 6 CuRe modules can deliver up to 4.5% more energy in the first year and up to 10.5% more over the project's lifetime.

up to	up to
<b>4.5%</b>	<b>10.5%</b>
more year-one energy	more lifetime energy
<b>vs. leading bifacial c-Si</b>	

Energy comparisons above based on project-specific factors.

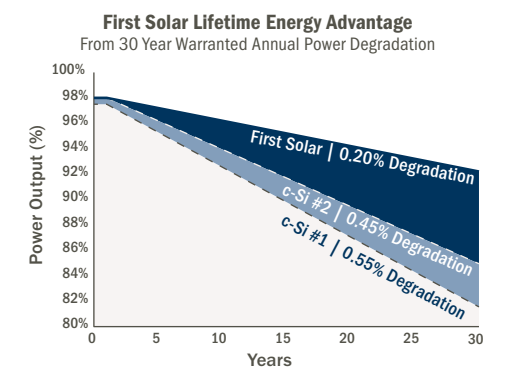




# On the Path to Zero Degradation through True Semiconductor Innovation ●

## Best Warranted Degradation Rate

Series 6 CuRe modules boast the industry's best 0.2% warranted long-term degradation rate ensuring the module will retain at least 92% of its original performance over its 30-year warranty period, compared to around 84% for typical c-Si panels.







## Superior Temperature Coefficient & Spectral Response

Series 6 CuRe modules reduce an already industry-leading temperature coefficient to  $-0.28\%/^{\circ}\text{C}$ . In hot climates, that means up to 4% more annual energy is produced. In humid climates, the modules are less sensitive to the reductions of specific wavelengths of available light. The result? Superior spectral response (compared to c-Si panels) and up to 4% more annual energy in high humidity conditions.

## Superior Shading Response

A distinct cell design renders Series 6 CuRe modules less sensitive to power loss from shading. In standard silicon panels, disproportionately large sections of the panels (both shaded and non-shaded) shut off due to their electrical design. In Series 6 CuRe modules, only the shaded area is impacted.

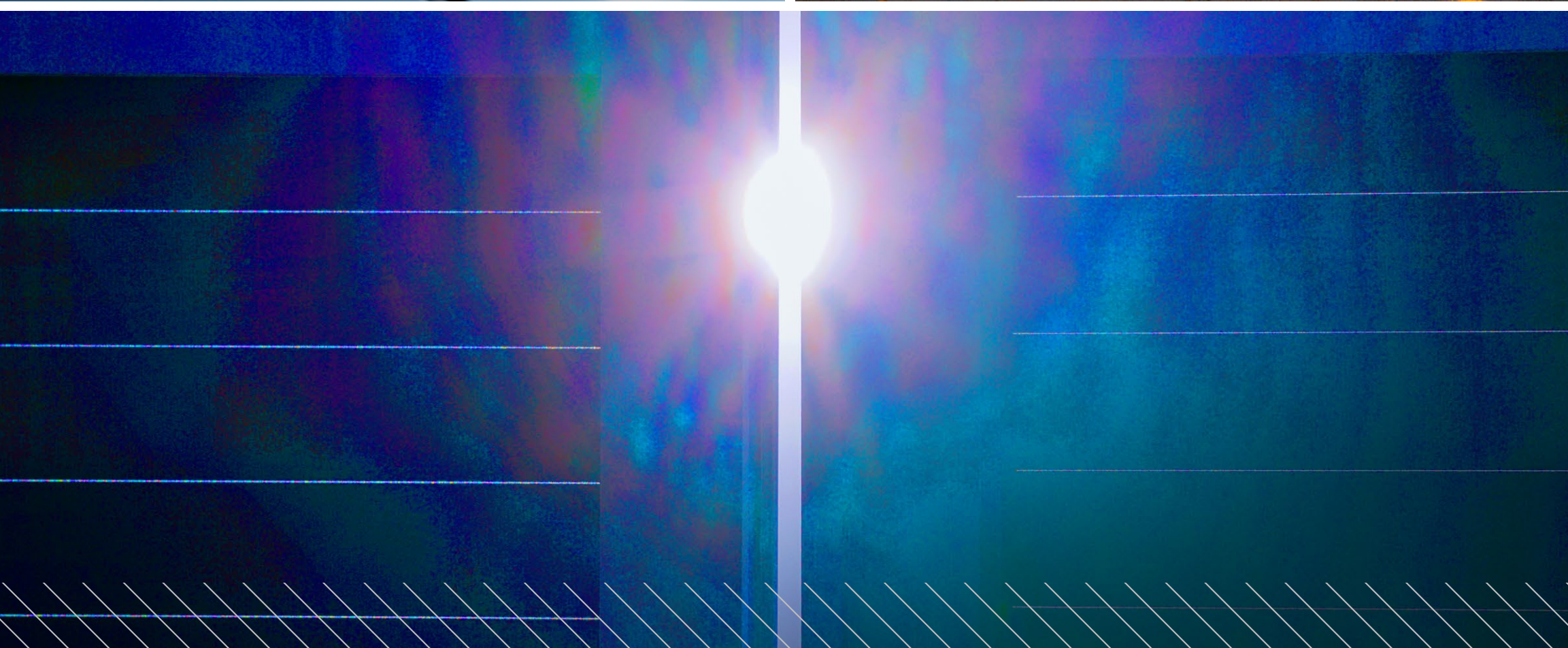
## Inherent Immunity to Cell-Cracking, LID and LeTID

Extreme weather events are on the rise due to climate change. Hail, hurricanes, tornadoes, and other high-wind events can cause glass and cell cracks in c-Si panels.

First Solar's thin film modules are made with durable glass/glass construction and are inherently immune to cell-cracking. These advantages are backed by the industry's first and only product warranty specific to power loss from cell cracking. Plus, our advanced thin-film technology has inherent immunity to Light Induced Degradation (LID) and Light and Elevated Temperature Induced Degradation (LeTID) failure modes that affect c-Si modules.

These additional assurances and long-term power output reliability help our customers secure facilitated project financing and lower insurance premiums.

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# Optimized Design To Enhance Your Bottom Line ●

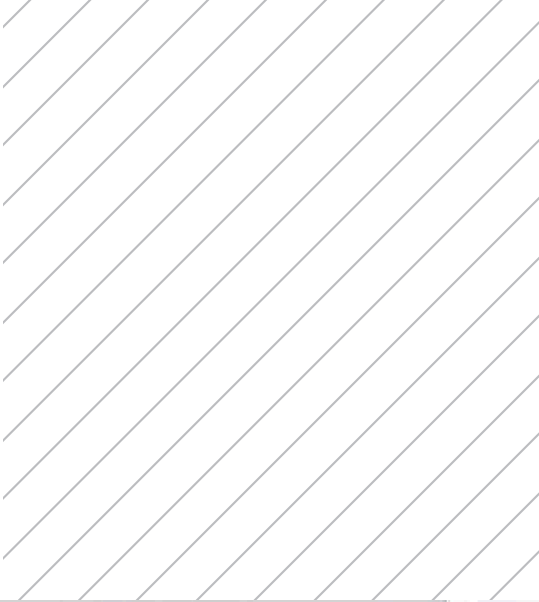
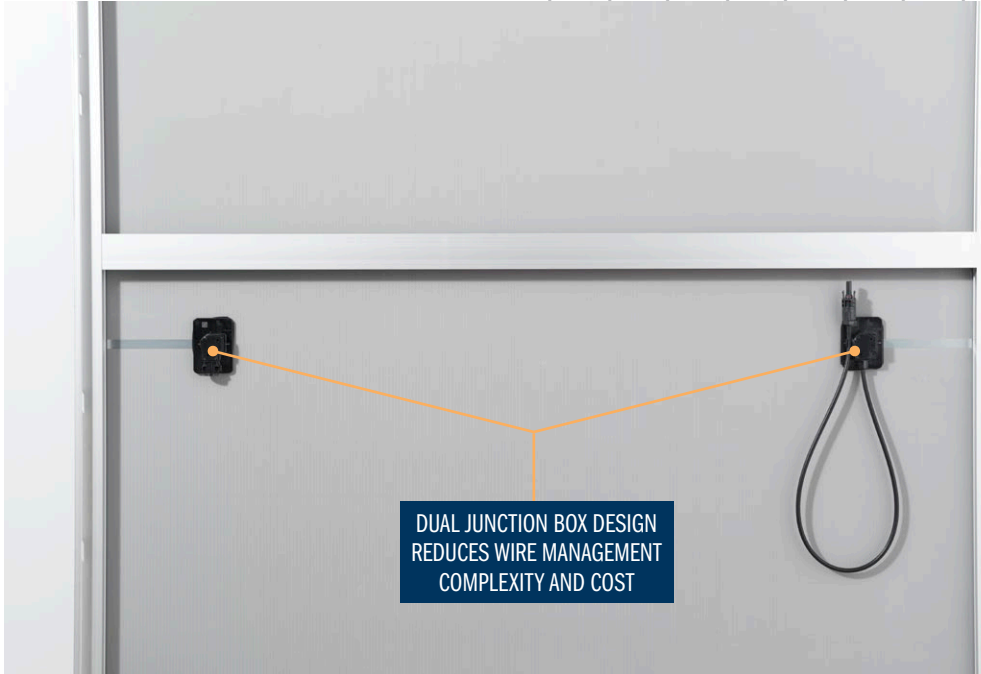
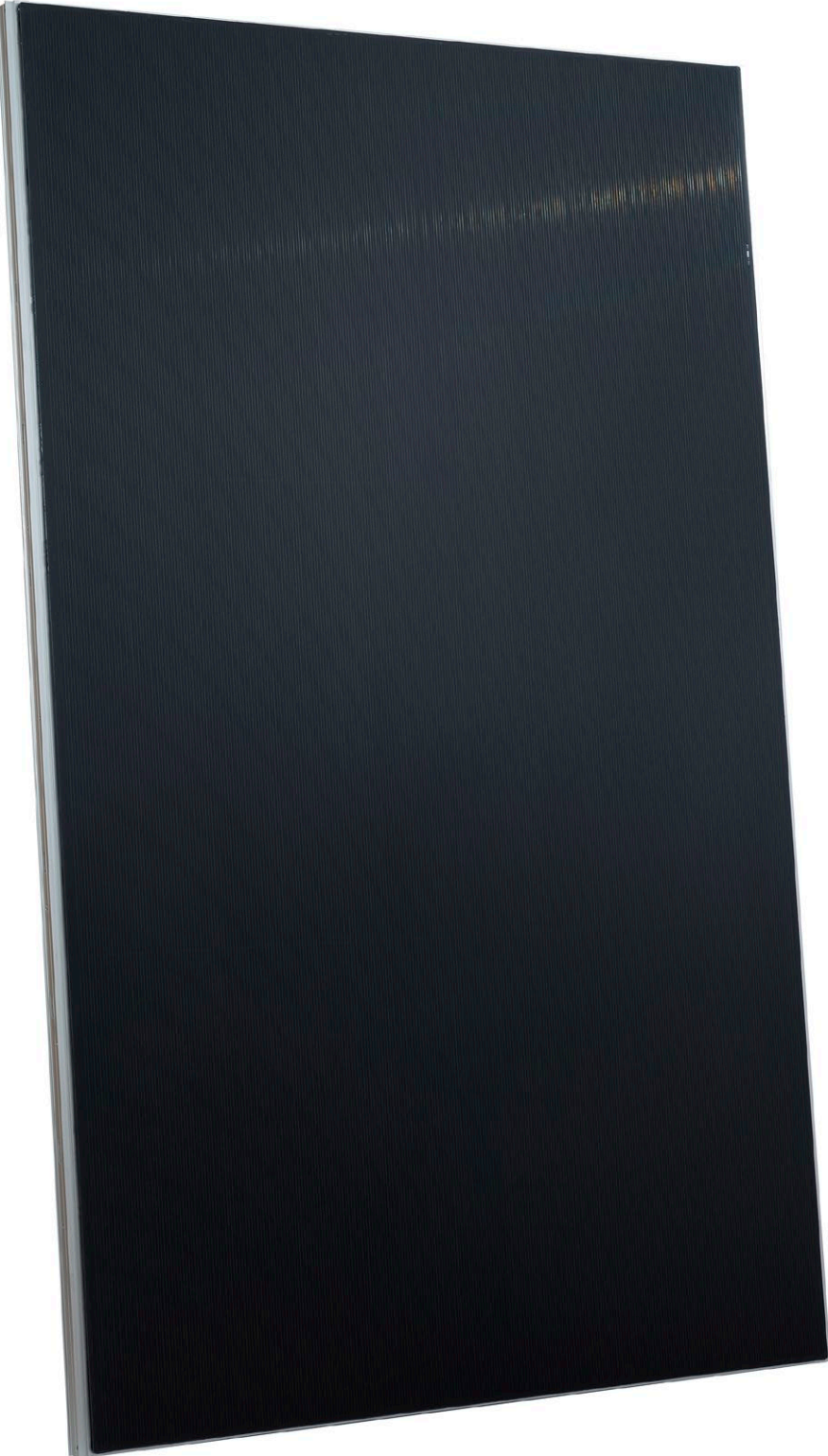
Built on the proven Series 6 *Plus* platform, Series 6 CuRe modules leverage more than two decades of field experience and engineering expertise, and are optimized to create more value for our customers, from manufacturing to shipping to installation. Experience, customer input, and industry expertise help us deliver quality innovations that provide more benefits and cost-efficiencies for your applications.



# Larger Form Factor = More Watts Per Module

Series 6 CuRe modules combine true semiconductor advancements with a larger form factor, delivering more watts per install operation. This allows for increased installation velocity with minimal impact to structural design.

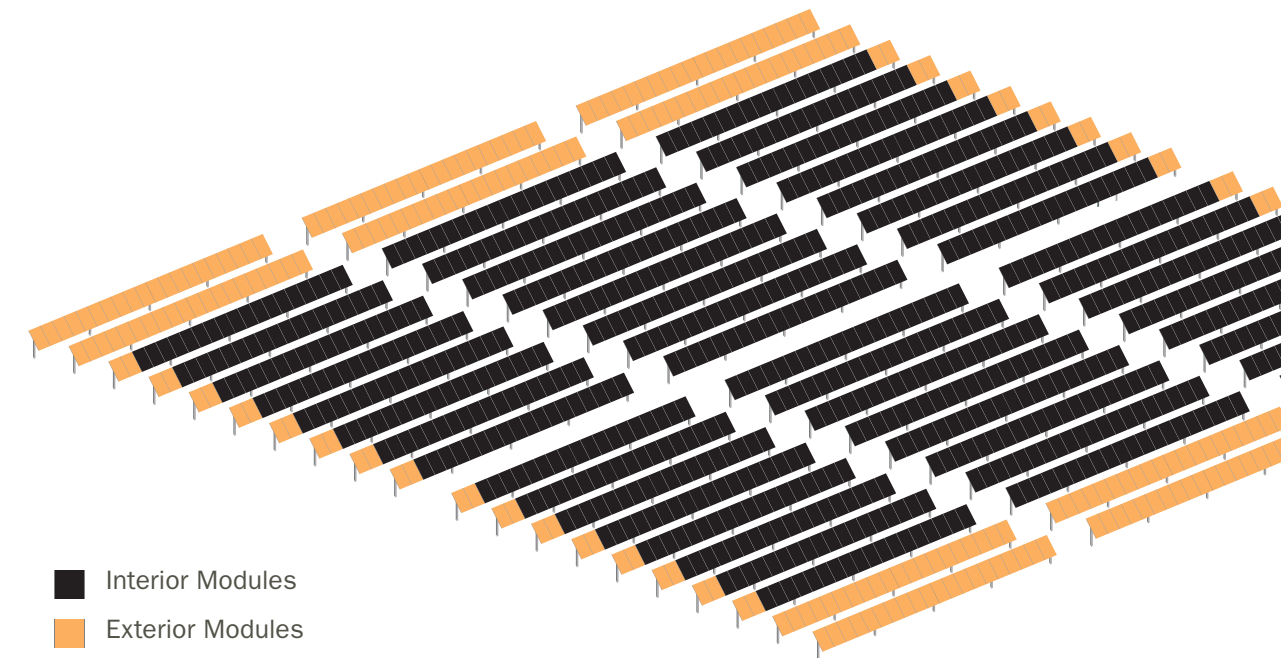
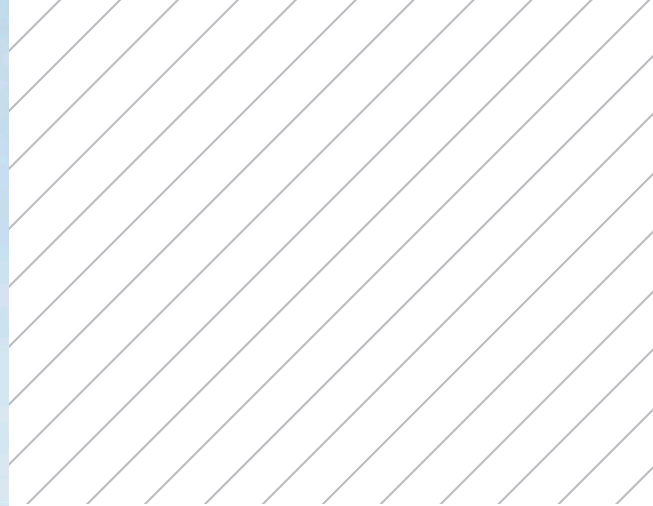
The larger form factor enhances BOS savings through fewer connections and less mounting hardware per watt for a lower overall LCOE and more competitive return on investment.





## Lower Installation Costs

Series 6 CuRe modules are designed for quick and easy two-person installation. The optimized SpeedSlot feature means more mounting options for common fixed-tilt and tracking systems, minimized onsite engineering, reduced material costs, and the fastest installation time\*.



## Optimized Interior Array Design

A recent change to global load rating standards has opened the door for PV manufacturers to design modules specifically for the terrain and climate where they will be deployed. First Solar is leading the charge by providing Series 6 CuRe modules in two product variants that are easily matched to structure zones:

- **Interior array modules:** a lighter load-compliant module that will occupy the interior rows of an array. The reduced weight enables faster install velocity.
- **Exterior array modules:** a higher load module that ensures an appropriately robust perimeter for an array.

\*Based on First Solar's Series 6 solar modules installed on Array Technologies DuraTrack(R) HZ v3 single-axis solar tracker with RapidClamp™.



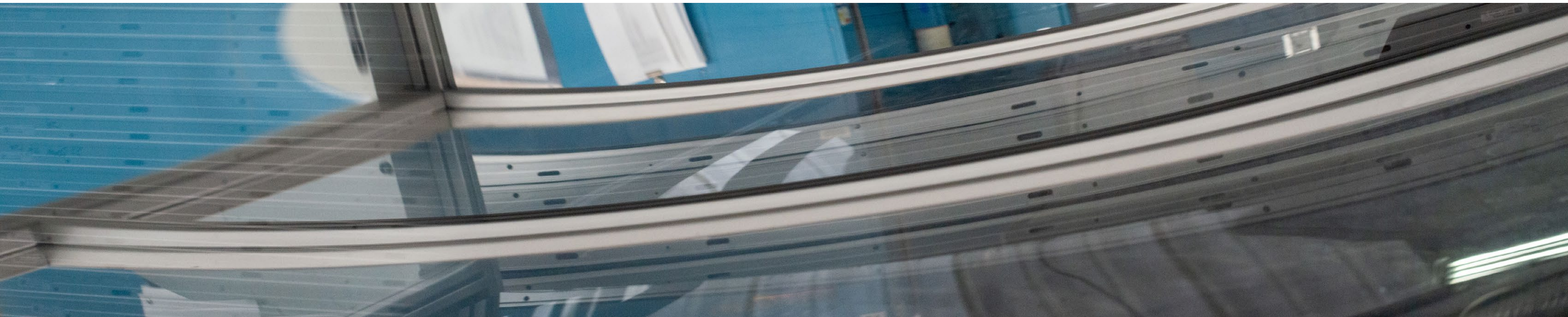
# Industry-Leading Long-Term Reliability.

First Solar's manufacturing architecture is controlled by a single set of global specifications for Bill of Materials (BoM) components. A single, highly automated manufacturing process produces 100 percent of our modules, end-to-end, under one roof. The outcome is tightly controlled, consistently manufactured, high-quality products. Plus, durable glass/glass construction that's tested and certified beyond IEC standards delivers reliable lifetime performance.

The Series 6 platform is one of the most rigorously tested modules on the market and is a Top Performer in the PV Module Reliability Scorecard, published by PVEL and DNV-GL.

## 100% Traceable QA/QC Program

First Solar's Product Reliability Monitoring program sets the benchmark for quality and reliability. As part of the program, random module samples are pulled from each factory and subjected to the full range of thresher tests, including Thermal Cycling, Humidity-Freeze Open Circuit, Damp Heat, and Long Sequential testing.

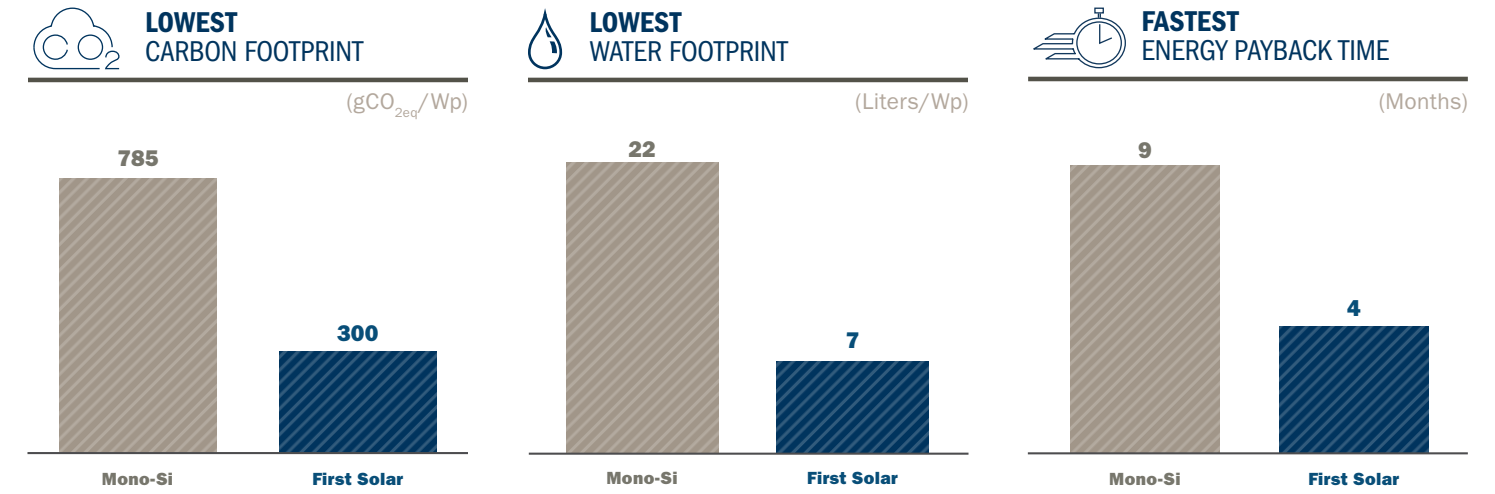






## All PV Technologies Are Not Created Equal

With the smallest CO<sub>2</sub> footprint, lowest water footprint, fastest energy payback (plus a first ever global PV module recycling program), Series 6 CuRe modules are the industry's most eco-efficient PV solution.



# Responsible Solar for More Peace of Mind ●

From raw material sourcing and manufacturing through end-of-life module recycling, First Solar's approach to technology embodies sustainability and a responsibility towards people and the planet. This is why we have a long history of establishing benchmarks in recycling, responsible supply chain management, transparency, and the carbon and water footprint of our technology. First Solar's Series 6 modules are the first PV product to be included in the EPEAT register for sustainable electronics, a globally recognized and independently verified ecolabel which gives customers confidence that they are purchasing an environmentally leading product from a socially responsible company.

## First Solar is Your Proven Energy Partner

First Solar is a leading American solar technology company. It is able to combine a high-quality PV module, designed with your needs in mind, with access to global industry expertise and tools, and meaningful engagement when it matters.

First Solar offers stability. With over twenty years of global experience, and one of the strongest balance sheets in the industry, you get some of the most bankable modules available today, backed by robust warranties and consistent post-sales service.

First Solar understands that its commitments form an essential part of your project execution timelines and asset profitability. As a result, you can be assured First Solar takes its obligations seriously and delivers on promises.







# Series 6 CuRe



## Let's Connect

Contact us to see how First Solar Series 6 CuRe modules can deliver more return on your energy investment.

[firstsolar.com/CuRe](https://firstsolar.com/CuRe) | [modulesales@firstsolar.com](mailto:modulesales@firstsolar.com)