

The image features a large, semi-circular graphic on the left side, filled with a dark blue gradient. The word "maxeon" is written in a white, lowercase, sans-serif font across the middle of this blue area. Below the blue area, a horizontal line of light streaks in shades of orange, yellow, and white stretches across the width of the page, suggesting a long-exposure photograph of a city or industrial area at night. The background of the entire page is white.

maxeon

POWERING POSITIVE CHANGE™



**POWERING POSITIVE CHANGE™**

Our company purpose is at the heart of everything we do.

In a world of constant change, the only way to make a meaningful impact is to stay ahead of the curve.

That's why we've been pushing the boundaries of solar innovation every day for 35 years—from the very edge of outer space to countless rooftops below.

At Maxeon Solar Technologies, our highly advanced solar products are powering the fight against climate change in more than 100 countries around the globe.

And by holding our SunPower products and ourselves to a higher standard, we do more than raise the bar for an entire industry:

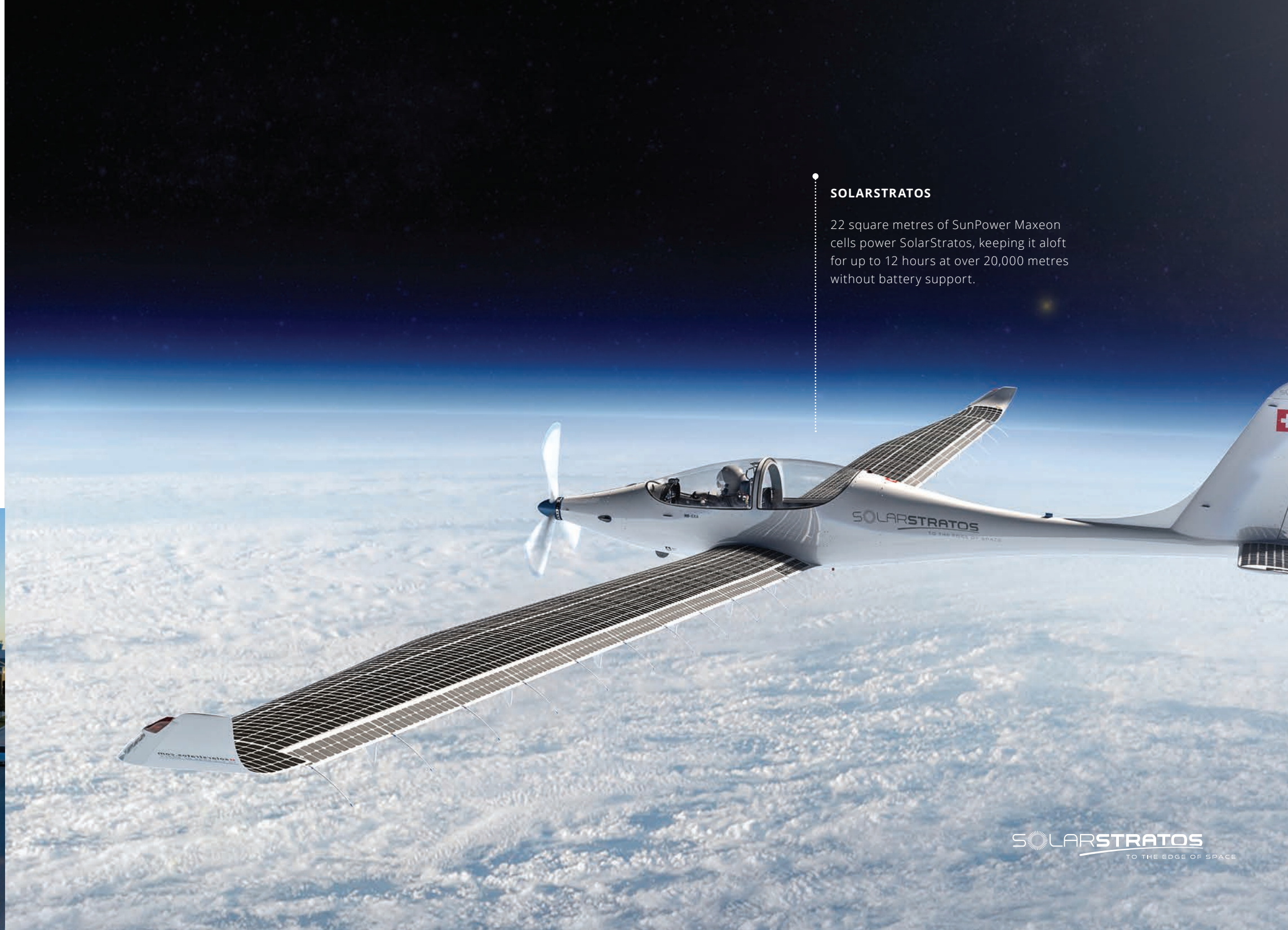
We give people everywhere the power to make a positive impact on our world.





## TAKING SOLAR TO NEW HEIGHTS.

When it comes to maximising solar energy, technology matters. Just ask the creators of Mission SolarStratos, the first manned solar plane designed to reach the stratosphere. They put their trust in the SunPower cells manufactured by Maxeon Solar Technologies—the aircraft's sole source of power—to produce the most energy in a very limited space. No wonder so many rooftops, carports and power plants use the same advanced technology back here on Earth. After all, the SunPower Maxeon panels used on SolarStratos deliver the highest efficiency available\*, producing up to 35% more energy from the same space over the first 25 years of operation.\*\*



### SOLARSTRATOS

22 square metres of SunPower Maxeon cells power SolarStratos, keeping it aloft for up to 12 hours at over 20,000 metres without battery support.



300,000+

More than a quarter-million customers around the world have SunPower panels on their rooftop.



1,100

Nearly 1,100 sales and installation partners around the globe provide local installation expertise.



11

SunPower technology has claimed 11 world records for cell and panel efficiency since 2007.†

\*Based on datasheet review of websites of top 20 manufacturers per IHS, as of Jan. 2020.

\*\*SunPower 400 W, 22.6% efficient, compared to a Conventional Panel on same-sized arrays (310 W mono PERC, 19% efficient, approx. 1.64 m<sup>2</sup>)

†Green, et. al. "Solar cell efficiency tables." Progress in Photovoltaics. Various years.

SOLARSTRATOS  
TO THE EDGE OF SPACE



1

**#1 R&D INVESTMENT**

Our technology is the result of more R&D investment than any other silicon solar company.\*

900+

**SOLAR PATENTS**

We have access to over 900 solar patents, representing one of the most advanced product portfolios in the industry.\*\*



**PANELS AS SUSTAINABLE AS THE ENERGY THEY PRODUCE**

SunPower Maxeon panels were recognized by *pv magazine* for industry-leading sustainable design and business practices in 2019.

\*Based on cumulative investment from 2007 through 2018. Osborne. "R&D spending analysis of 21 PV manufacturers." PVTech.com 2019.

\*\*Maxeon Solar Technologies, Ltd. holds over 600 solar patents and licenses over 300 solar patents from SunPower Corporation.



**LIGHTYEAR ONE**

The world's first long-range solar car will travel up to 725 km without a plug-in charge—while using five square metres of SunPower Maxeon cells crafted into its bonnet and roof to charge an additional 12 km/h as it goes.

Lightyear ∞

**STAYING AHEAD OF THE CURVE.**

Every two years, university students from around the world take part in the Bridgestone World Solar Challenge, a grueling 3,000 km solar car race across the Australian outback. The competition is a proving ground for technology and the starting line for visions of positive change. In 2013 and 2015, Solar Team Eindhoven (NL) took the checkered flag, powered exclusively by SunPower Maxeon cells. The team leader later recalled an epiphany during the exhausting race: "We realized that we had built a concept car that was working, and was scalable."

Five years down the road, that concept car became Lightyear One, the world's first long-range solar EV. Its innovative design and integrated SunPower Maxeon solar cells dramatically increase energy efficiency, so it can travel up to 725 km without a single plug-in. It's well on its way to becoming a driving force in reversing climate change. Meanwhile, Eindhoven's newest team stayed ahead of the curve with SunPower solar technology once again, winning its fourth consecutive race in October 2019.



©BART VAN OVERBEEKE FOTOGRAFIE



## SOLVING VAST CHALLENGES WITH TINY DETAILS.

What makes our technology so reliable in unforgiving places like the frozen wilderness of Norway's Svalbard Archipelago? The answer lies in the tiniest details. A close-up look at a SunPower Maxeon panel reveals "triple-redundant" cell connectors, specially designed to relieve the structural stress caused by extreme temperatures. Each independent cell features a solid metal foundation for superior strength and durability. And we insist on ultra-pure silicon for unmatched efficiency and performance in every climate.

That's why the Arctic National Parks trust SunPower technology to drive the emergency communications that link their police, fire and rescue squads. They know that each panel is meticulously designed down to the tiniest detail, delivering reliable solar power when it matters most.



© POWER CONTROLS AS

### SUNPOWER MAXEON TECHNOLOGY

From a patented solid copper foundation to triple-redundant cell interconnections, more than 3.5 billion SunPower Maxeon cells have been expertly engineered for unmatched efficiency and reliability\* across five generations of design innovation.

Fundamentally different, and better

SUNPOWER  
MAXEON



### UP TO 35% MORE ENERGY\*\*

SunPower Maxeon technology delivers maximum energy for maximum savings.

22.6%

### UP TO 22.6% PANEL EFFICIENCY

We have offered the highest available efficiency in the solar industry since 2007.†

40+ YEARS

### 40+ YEAR PANEL USEFUL LIFE††

SunPower Maxeon panels are engineered to operate beyond their warranty.

0.005%

### PANEL WARRANTY RETURN RATE

Only one in 20,000 SunPower Maxeon panels is returned.Δ

\*Unmatched Reliability: Jordan, et. al. Robust PV Degradation Methodology and Application. PVSC 2018 Unmatched Efficiency: Based on datasheet review of websites of top 20 manufacturers per IHS, as of Jan. 2020.

\*\*SunPower 400 W, 22.6% efficient, compared to a Conventional Panel on same-sized arrays (310 W mono PERC, 19% efficient, approx. 1.64 m<sup>2</sup>)

†Green, et. al. "Solar cell efficiency tables." Progress in Photovoltaics. Various years.

††SunPower Module 40-year Useful Life. SunPower whitepaper. 2013.

Δ"A Comparative Study: SunPower DC Solar Module Warranty Claim Rate vs. Conventional Panels." SunPower Corporation. 2019.





## 2 PROPRIETARY PANEL LINES

We've produced more than 3.5 billion cells and shipped 35 million panels globally.



## 25-YEAR PANEL WARRANTY

All SunPower residential and commercial panels are backed by the industry-leading coverage of the SunPower Complete Confidence Warranty.\*

\*Based on Oct. 2019 review of warranties on manufacturer websites for top 20 manufacturers per IHS 2018.



### • CETYS UNIVERSITY

The largest university solar installation in Latin America represents the full value of the SunPower portfolio—aligning the energy needs of CETYS with the unique benefits of SunPower Maxeon and SunPower Performance panels to generate an estimated savings of \$184 million pesos over the next 25 years.

## PROVIDING POWERFUL OPTIONS.

When CETYS University in Baja California, Mexico, decided to install the largest university solar system in all of Latin America, they needed more than a one-size-fits-all approach. Their Mexicali campus had set an ambitious goal of offsetting half of its energy costs, with limited space for solar panels. By contrast, their campus in Tijuana had ample space, but required less energy and was carefully allocating costs.

Our unique SunPower product portfolio was the perfect solution. The record-setting efficiency of our premium SunPower Maxeon solar panels produce maximal energy in minimal space, and provided an ideal solution for the Mexicali campus; while our SunPower Performance panels offer mid-level efficiency at the best value, aligning perfectly with the requirements of the Tijuana campus. With both lines backed by the industry-leading 25-year coverage of the SunPower Complete Confidence Panel Warranty, this unique combination gave CETYS University powerful options for making their clean energy goals a reality—while also demonstrating to students that creating positive change for tomorrow starts today.





## MAKING A RELIABLE DIFFERENCE.

Water Mission is a nonprofit engineering organization dedicated to supplying safe water in developing countries and disaster areas. Since 2001, they've combined a deep sense of compassion with advanced engineering expertise to provide safe drinking water, sanitation, and hygiene to more than five million people in 56 countries.

By pairing solar energy with pumping and purification systems, Water Mission can deliver safe water to areas that lack access to fuel or grid electricity such as the Nyarugusu Refugee Settlement in Western Tanzania. Water Mission puts their trust in the enhanced reliability and durability of SunPower Performance panels. With materials innovations that protect cells and minimise power loss from exposure to harsh environments, Water Mission has seen system uptimes improve, lifecycle costs decline—and people in some of the most remote regions of the world avoid illness and live healthier lives.



© WATER MISSION

### SUNPOWER PERFORMANCE TECHNOLOGY

With an innovative shingled cell design, SunPower Performance panels combine conventional mono PERC cells with 35 years of materials and manufacturing expertise to deliver panels that surpass the performance, reliability and aesthetics of Conventional Panels.

Uncompromised performance, exceptional value



### 4+ GW ACROSS MORE THAN 60 COUNTRIES

SunPower Performance panels are the industry's most deployed shingled cell panel technology.\*



### UP TO 8% MORE ENERGY\*\*

Our customers get more energy from the same space over the first 25 years when compared to conventional mono PERC panels.

### 35+ YEARS

### 35+ YEAR PANEL USEFUL LIFE†

SunPower Performance panels are engineered to operate beyond their warranty.

\*Based on shipments as of Q2-2020

\*\*SunPower 425 W, 20.6% efficient, compared to a Conventional Panel on same-sized arrays (370 W mono PERC, 19% efficient, approx. 1.94 m<sup>2</sup>), 0.25%/yr slower degradation rate (Jordan, et. al. Robust PV Degradation Methodology and Application, PVSC 2018).

†Performance panels expected useful life of 35 years. Source: "SunPower P-Series Technology Technical Review," Leidos Independent Engineer Report, 2016.

SUNPOWER  
PERFORMANCE





SunPower Maxeon direct current (DC) panels were the world's first solar panels to earn the prestigious Cradle to Cradle Certified—Bronze™ designation.\*

## Declare.

SunPower Maxeon panels are the first and only solar panel to receive the International Living Future Institute's Declare label.\*\*

## LEED

SunPower Maxeon panels can contribute additional points toward LEED certification.†

\*Cradle to Cradle Certified™ is a certification mark licensed by the Cradle to Cradle Products Innovation Institute. Cradle to Cradle Certified™ is a multi-attribute certification program that assesses products and materials for safety to human and environmental health, design for future use cycles, and sustainable manufacturing.

\*\*SunPower Maxeon (DC) panels first received the International Living Future Institute Declare Label in 2016.

† Maxeon panels can contribute to LEED Materials and Resources categories.

### POWERHOUSE BRATTØRKAIA

As the world's northernmost energy-positive building, Powerhouse Brattørkaia generates twice as much solar energy as it will ever use, an average of 358,000 kWh annually—exporting the excess via a local microgrid to nearby buildings and municipal services.



## PUTTING ENERGY INTO SUSTAINABILITY.

Its futuristic design is getting rave reviews across the architectural world, and around the neighborhood. That's because Powerhouse Brattørkaia in Trondheim, Norway is changing the idea of what an office building can be, producing more solar power than it can use—and sharing the excess with nearby buildings, electric busses, cars and even a harbor ferry system through a local microgrid.

What does it have in common with world-renowned European racing champion Phil Sharp and his record-setting, zero-emissions race boat, OceansLab? A vision of a sustainable, zero-carbon world, and a trust in SunPower solar technology that's as clean as the energy it produces. "Maritime pollution causes 400,000 lives to be cut short every year," says Sharp. "We're showing the shipping industry that changing to clean energy will have an incredibly positive impact on the world's ecosystems, including our own."

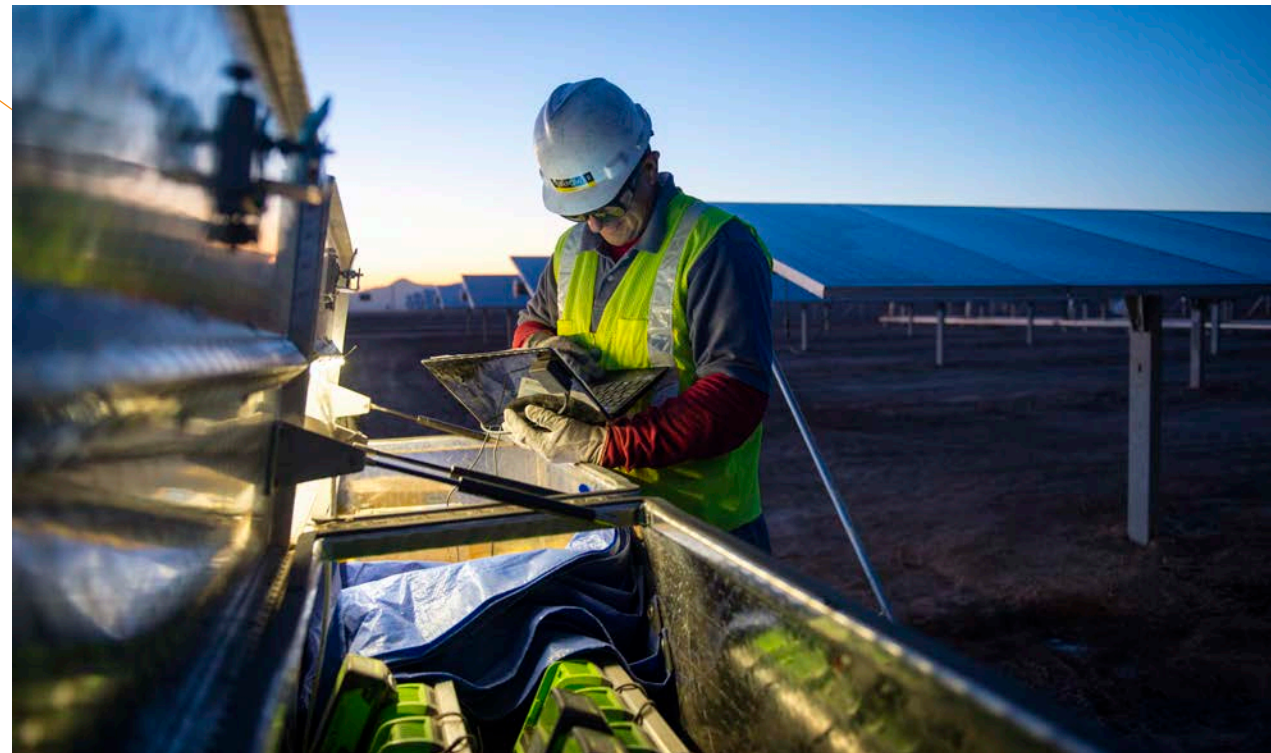


© OLIVIER BLANCHET PHOTOGRAPHIE



## DELIVERING LARGE-SCALE VALUE.

SunPower technology offers an extensive track record in large-scale installations, with more than 5 GW of SunPower panels deployed in solar power plants across six continents. Today, that legacy continues with the unique, shingled cell technology of SunPower Performance panels. Optimally suited for unconstrained spaces, SunPower Performance panels are an ideal solution that provides bankable technology at a competitive LCOE (levelised cost of energy). Best-in-class durability and unmatched reliability make SunPower Performance panels an exceptional value in a category flooded with poorly made, short-lived alternatives.



### A GLOBAL FOOTPRINT

We've designed, developed, constructed, operated and supplied more than 5 GW of SunPower technology to power plants across 6 continents.



### PANELS ENGINEERED FOR LOWER LCOE

Bifacial energy capture extracts more energy from less space; while G12 cell technology increases power density, lowering overall system BOS costs.



### SCALABLE MANUFACTURING

6 GW of additional manufacturing capacity was announced in July 2020 to meet the growing needs of leading solar power plant EPCs and developers.

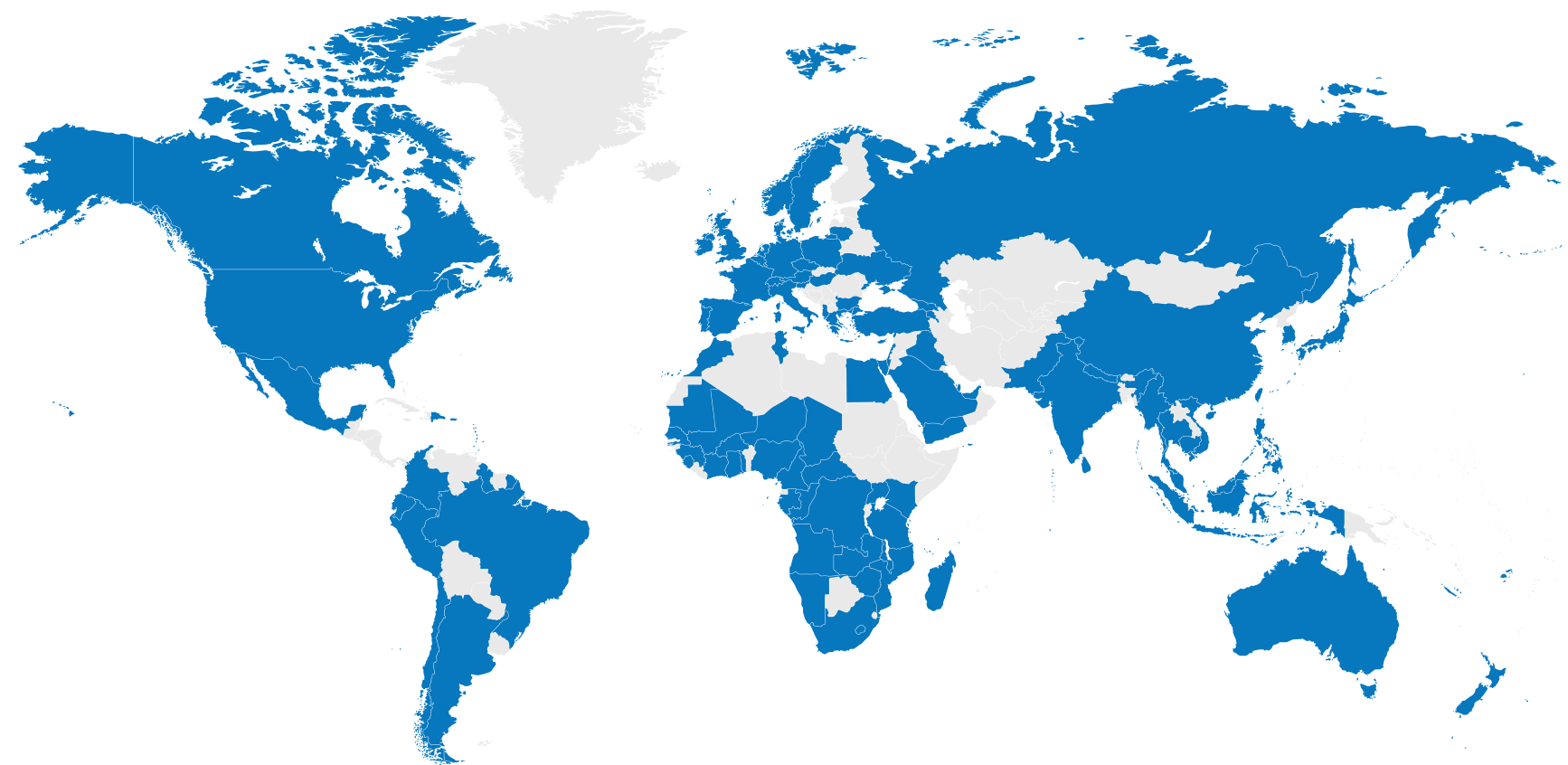
### SOLAR STAR

We developed, designed and built the 579 MW Solar Star Power Plant in California, USA for BHE Solar. Completed in 2015, the project remains the largest solar power plant in the USA today, supplying electricity for the equivalent of approximately 255,000 homes.



## A GLOBAL SOLAR POWER BUSINESS

SunPower technology benefits from an expanding international network of sales & installation partners committed to advancing performance, reliability and innovation.

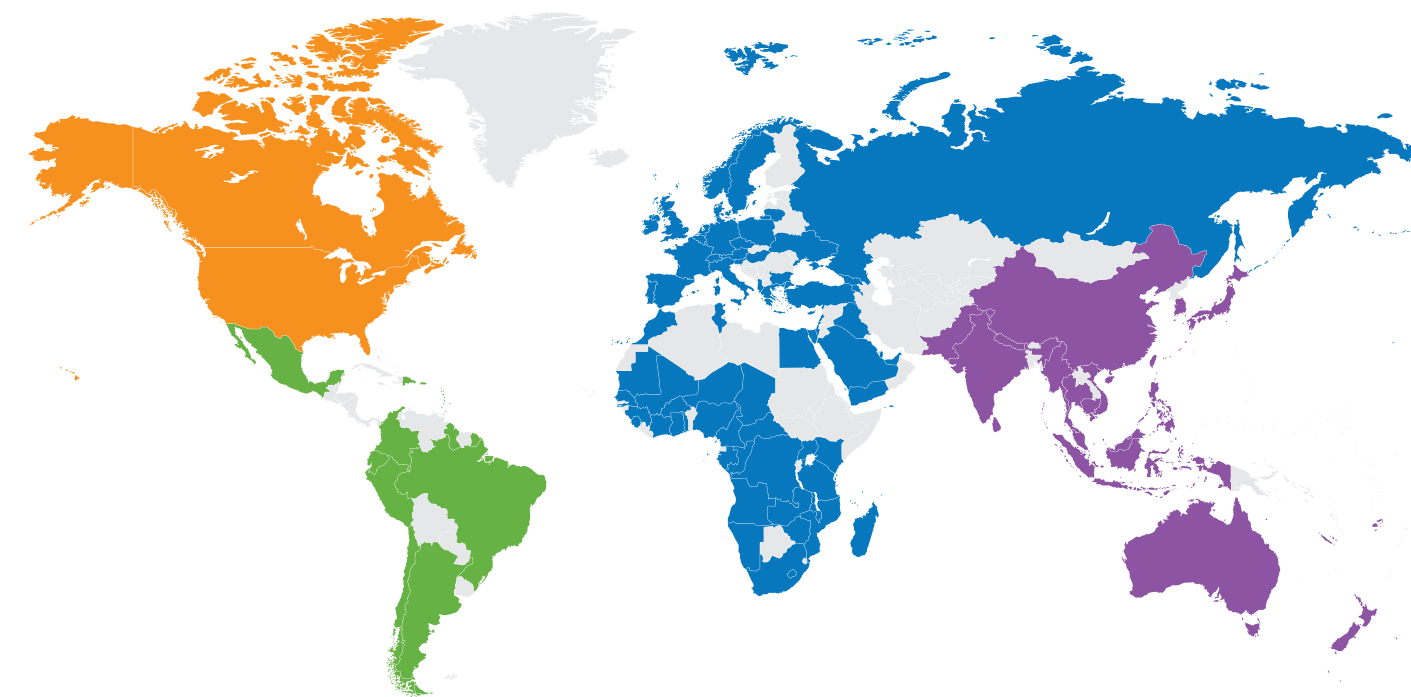


### GLOBAL PRESENCE

SunPower technology has been deployed in more than 100 countries around the world since 2018.

### GLOBAL DEPLOYMENTS

SunPower technology is deployed through a network of 1,100+ sales & installation partners.



### LOCAL PARTNERS

#### UNITED STATES & CANADA

500\*

#### MEXICO & LATIN AMERICA

25

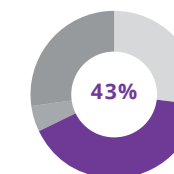
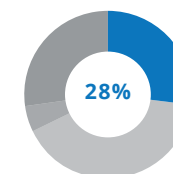
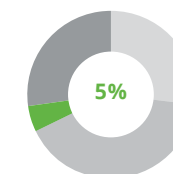
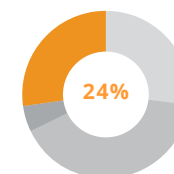
#### EMEA

756

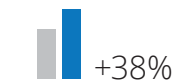
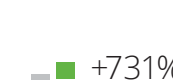
#### APAC

370

### 2019 SALES (% MW)



### 2018 TO 2019 MW SALES GROWTH



\* Maxeon Solar Technologies supplies panels to an additional 500+ US installers through our exclusive panel supply agreement with SunPower Corporation.



CO<sub>2</sub> MT/MW ↓22%

**GHG EMISSIONS REDUCTION**

Scope 1 and 2 GHG emissions tied to the manufacture of SunPower panels have been reduced by 22% since 2016.

MWh/MW ↓25%

**ENERGY REDUCTION**

The amount of energy used to manufacture each MW of SunPower panels has dropped 25% since 2016.

M<sup>3</sup>/MW ↓39%

**WATER REDUCTION**

Water used during the manufacture of SunPower panels has gone down 39% per MW since 2016.

**LEADING THE WAY IN SUSTAINABILITY**

Making products sustainably requires thinking about their impacts in a multi-dimensional way. Long term change will only come from rethinking the way we make and use consumable products.

**PANELS AS CLEAN AS THE ENERGY THEY PRODUCE.**

We are recognized as a pioneer in the solar industry for our sustainable manufacturing practices.



Our factory in Mexicali, Mexico is the first and only NSF-certified, zero waste to landfill facility in solar, sending less than 1% of waste to landfill.\*



The SunPower Maxeon (DC) panels manufactured in Mexicali were the world's first to be designated Cradle to Cradle Certified—Bronze™ for their sustainable materials and manufacturing practices.



We operate three LEED Certified® manufacturing facilities. Our cell factories in Malaysia and the Philippines, as well as our Mexicali module production facility are all LEED Gold®. Our administrative buildings in the Philippines and Malaysia are both LEED Platinum®.

\*The Mexicali manufacturing plant achieved Zero Waste to Landfill recognition from the NSF in August, 2015 with annual recertifications since - and to date is the only solar panel manufacturer to receive this certification.







**Making a meaningful difference around the world.**

It's what our vast global network of local teams and partners strive to do, every day. We know that our hard work, passion and industry-leading technology is driving positive change, and will ultimately end the climate crisis on our planet.

But most of all, we believe in the collective power of our customers. Without them, we're just scientists and engineers, designers and dreamers. It's our privilege to give people everywhere the power to make a positive impact on our world.

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