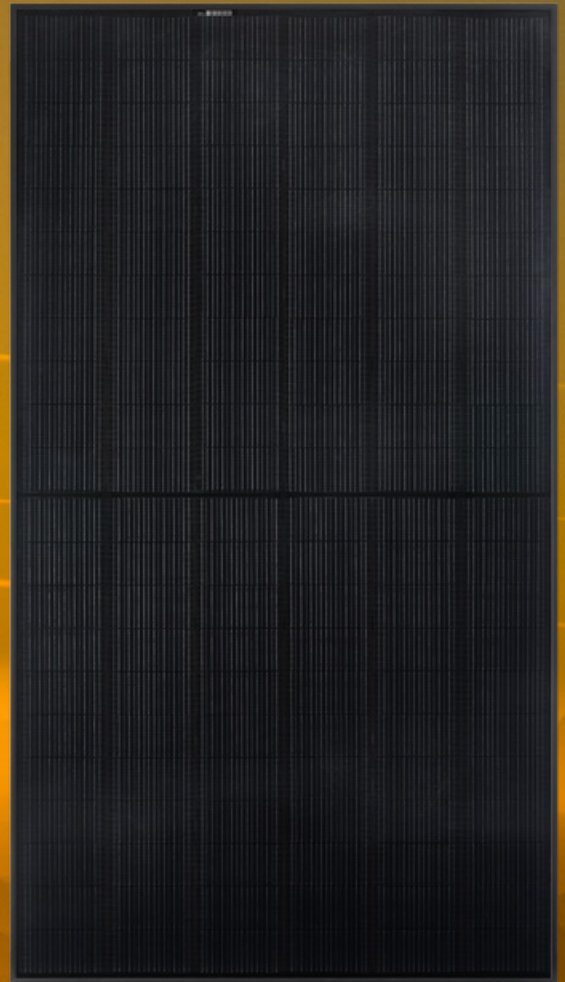


SOLAR'S MOST TRUSTED



# REC ALPHA<sup>®</sup> PURE SERIES

ALPHA EXPLAINED

405 WP  
20.3  $\frac{W}{FT^2}$



ELIGIBLE



LEAD-FREE  
ROHS COMPLIANT

EXPERIENCE



PERFORMANCE

The REC Alpha Pure Series unites leading cell technologies in a hybrid design to create a revolutionary, powerful and reliable solar panel:

- High power density maximizes energy generation from limited spaces - up to 20.3 W/ft<sup>2</sup>
- Advanced cell structure for high efficiency performance
- More power than conventional panels
- More savings from your roof



#### Heterojunction cells

- Combine the best of crystalline and thin-film technologies
- Highly efficient bifacial cell architecture for high performance

#### N-type technology = more power

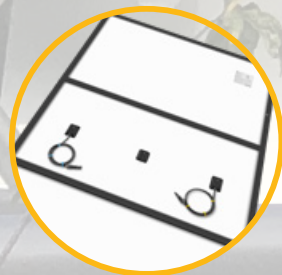
- No LID protects panel from initial power loss
- You get the power you pay for

#### Unique Advanced Cell Connections

- Eliminates invasive soldering for better build quality
- Reduces thermal stress on the cells for long-term durability
- Great aesthetics

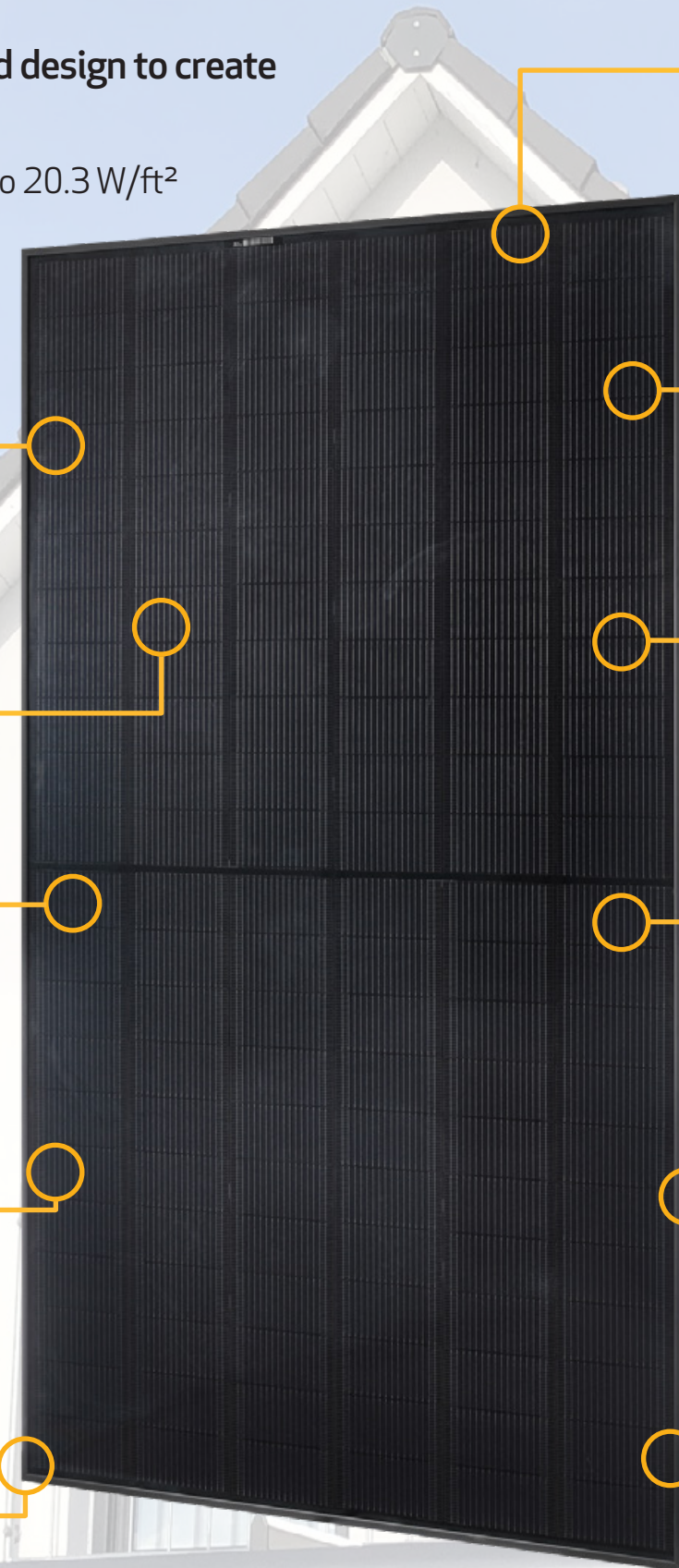
#### Higher light transmission

- Special anti-reflective glass increases light transmission for higher power
- Inherently bifacial cells can produce energy from both sides of the panel



#### Guaranteed better durability

- Super-strong frame withstands up to 146 lbs/sq ft
- Better protection against harsh weather
- Improves cell life for long-lasting high power



#### No busbars for an improved look

- Practically-invisible connections for the best choice for your home
- Black backsheet for an elegant look on your roof

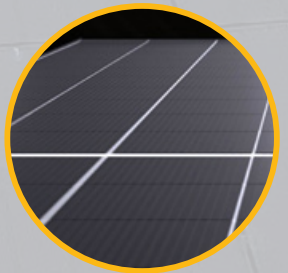


#### High power density of 20.3W/ft<sup>2</sup>

- High power density panel
- Pack in more power in limited or restricted spaces
- Generate more clean energy

#### Higher efficiency at the hottest times

- Leading temperature coefficient for more production when the sun shines strongest
- Better performance in hot climates



#### REC's iconic Twin Design

- Reduces internal resistance for more power and reliability
- Improved output when shaded

#### Environmentally-friendly

- Lead-free (RoHS compliant)
- Energy-efficient manufacturing processes minimize carbon footprint



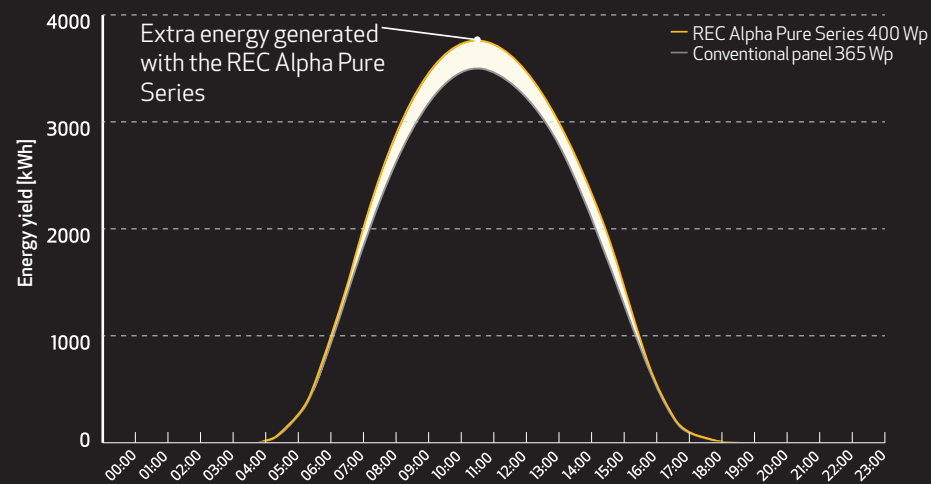
#### Exceptional quality

- Made in REC's state of the art, energy efficient facility in Singapore
- Highly automated production improves efficiency and reliability
- Consistently one of the lowest warranty claims rate in solar

## GREATER YIELDS FROM DAWN TO DUSK

The REC Alpha Pure Series packs in more energy than ever before. With no LID, a leading temperature coefficient and its high power density, it is ideal for increasing energy yields and making the most of available rooftop space.

Average Daily Energy Production Comparison Over One Year

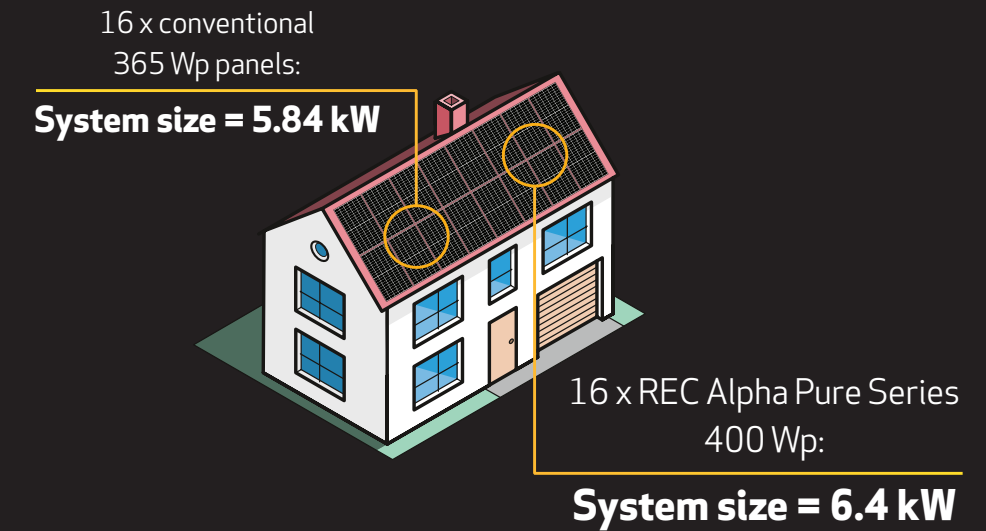


Calculations based on simulation results for full calendar year, based on an 12 kWp system in Palm Springs, CA, USA. Peak REC Alpha Pure Series energy yield difference at midday: +6%, with an overall greater annual yield of 7.6%. Performance may vary dependent on location.

# +10% MORE POWER WITH THE REC ALPHA PURE!

## MAXIMIZE SYSTEM POWER FOR MAXIMUM SAVINGS

Optimum use of rooftop space is key to a good solar installation. The REC Alpha Pure Series allows you to pack in as much power generation as possible, generating more energy and more savings on your bills.



The comparison is clear: even in a regular residential installation, the REC Alpha Pure Series gives you more power than conventional panels for more energy and more savings.

## 15% MORE WARRANTED POWER AFTER 25 YEARS

REC's consistently low claims rate justifies outstanding warranty terms. Our warranty offering reflects this leadership and supports our premium product quality.



Exclusively offered by REC Certified Solar Professionals, the REC ProTrust Warranty gives enhanced product and labor coverage\*, ensuring peace of mind and a lifetime of high power generation:

- 25 years performance warranty
- 25 years product warranty
- Up to 25 year labor warranty\*

\*Conditions apply. See [www.recgroup.com/protrust](http://www.recgroup.com/protrust) for more details

## MAKE MAJOR REDUCTIONS TO YOUR CO<sub>2</sub> FOOTPRINT

A 6 kW REC Alpha Pure Series installation generates over 7,200 kWh of clean energy per year, cutting the CO<sub>2</sub> emissions of a home by 4.7 tons per year\*, equivalent to:

**84** trees planted and grown over 10 years

CO<sub>2</sub> sequestered by **6 acres** of forest per year

**1.8 tons** of waste recycled instead of entering landfill

**12,500 miles** in a family car

Charging a phone **650,000** times

**2.5 tons** of coal burnt for power



\*Values may vary dependent on location

# REC - SOLAR'S MOST TRUSTED

REC Group is an international pioneering solar energy company dedicated to empowering consumers with clean, affordable solar power through high-quality solar panels with a leading power density. As Solar's Most Trusted, REC is known for its patented innovations and multiple award-winning products with reliable long-term performance. The cornerstone for REC's strong reliability is advanced and highly efficient manufacturing using Industry 4.0 practices. Founded in 1996 in Norway, REC has always been committed to a low carbon footprint in its solar materials and panels. REC is headquartered in Norway with operational headquarters in Singapore and regional hubs in North America, Europe, and Asia-Pacific.



www.recgroup.com

