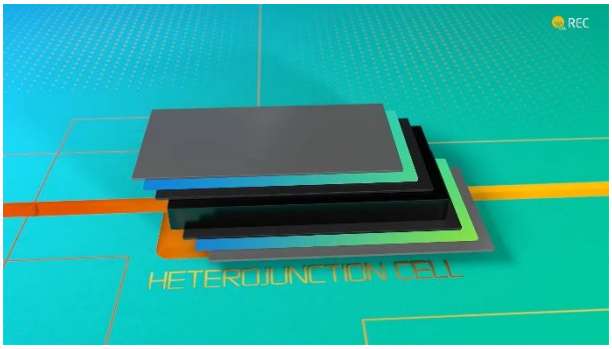
RE+ 2023: REC Group to launch its highest power residential panel ever

Pismo Beach, CA, August 28, 2023 – REC Group, an international pioneering solar energy company, announces the launch of a new high-efficiency solar panel at RE+ 2023 on September 12. Reaching 470 Wp, this will be REC's highest power residential panel ever. With this newest pioneering product, based on the advanced heterojunction cell technology (HJT), REC continues to enable customers to maximize the output of their rooftop installations.

This will be REC's fourth product innovation based on its Alpha HJT technology in only four years. The REC Alpha Series was launched as the world's most powerful 60-cell solar panel during Intersolar Europe in 2019. In doing so, REC took a bold decision to mass produce solar cells and panels using the most advanced cell technology in the market, HJT. In 2021, REC launched the REC Alpha Pure panel, the 2022 Intersolar Award winner, with higher power density, yet even more sustainable as REC eliminated lead content, making this the first RoHS-compliant solar panel in the lineup. In 2022, REC continued its mastering of HJT technology by introducing the REC Alpha Pure-R as the world's highest-power solar panel for residential installations with G12 HJT cells.

Mastering HJT

Unlike TOPCon, HJT cells are made from two different materials, crystalline silicon and amorphous thin-film silicon. This combination of materials allows for a more efficient capture of sunlight and flow of electrons in general, resulting in a higher energy conversion rate potential and a better outcome for homeowners and businesses. The majority of today's TOPCon solar panels come with a degradation of 0.4% per year and 89% power at year 25. REC's Alpha HJT products guarantee at least 92% power output after 25 years, giving consumers and installers greater peace of mind. While most manufacturers will likely follow that route at some point, REC has already a strong track record of over 2 GW of HJT solar panels produced and installed to date.



“Bold innovations are more important than ever, as climate change mitigation and solar PV’s role here grow in importance,” explains Cary Hayes, President REC Americas. “We believe that HJT holds immense potential for efficiency growth and is also the best option for future developments like tandem structures.”

New booth design – same passion for innovation

The product launch will happen on Tuesday, September 12 at 3 pm in REC’s newly designed booth #3321, level 2, followed by REC’s popular Happy Hour celebration. The fresh design reflects REC's mission to empower people and drive energy transitions, ultimately contributing to environmental protection. As the solar industry continues to grow in importance, REC recognizes its responsibility to promote sustainability. REC has been at the forefront of combining high-efficiency innovations with sustainable manufacturing practices for over 25 years. At the booth, visitors can learn about how to responsibly choose solar panels, how REC is continuously saving on resources in its production and how REC is helping American communities in need.

Alongside REC’s new and highest power rooftop panel ever, the company will also unveil the new REC Alpha Pure 2, reaching 430 Wp as well as being lead-free and RoHS compliant. Also on display will be REC’s latest innovations already on the market, the REC Alpha Pure-R, launched in 2022, and the REC N-Peak 3.

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About REC Group:
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. As of December 2021, REC is part of Reliance Industries Limited, India’s largest private sector company with revenues of USD 104.6 billion.

Find out more at recgroup.com and on