

Another green check for the lead-free¹ REC Alpha Pure: Certified as a Low Carbon Footprint solar panel

The lead-free¹ REC Alpha Pure solar panel, is now also CERTISOLIS-certified for CRE4 and PPE2 tenders as well as for rooftop installations between 100 and 500 kWp in France.

Munich, Germany, February 7, 2022 – REC Group, an international pioneering solar energy company headquartered in Norway, announces that the lead-free¹ REC Alpha Pure solar panel has received CERTISOLIS certification for low carbon footprint (LCF). This officially qualifies the REC Alpha Pure for public sector tenders and rooftop installations between 100 and 500 kWp in France, which offers REC Certified Solar Professionals even better opportunities to gain business in the French solar market.



Significantly lower carbon footprint for a cleaner industry

With clearly less than 550 kg of CO_{2-eq} per kWp, the REC Alpha Pure easily meets the eligibility conditions of the French Energy Regulatory Commission (CRE). Reinhard Lampe, Vice President Sales and Marketing REC Solar EMEA, “With the PV industry growing in importance to fight climate change, we need to be even more sustainable. For 25 years, REC has been committed to pioneering solar technology with high efficiencies in order to drive the global energy transitions. At the same time, we take our responsibility for sustainable innovations even more seriously. With its low carbon footprint and lead-free construction, the REC Alpha Pure Series is an easy and convincing choice for project developers in France who are serious about minimizing their environmental impact.”

Why carbon footprint of a solar panel matters even more today: While a consumer’s choice to go solar is doing good in general, how much good can vary greatly. If this year’s expected 200 GW of installed solar PV panels worldwide would have a footprint of only 10 kg CO_{2-eq} per kWp less, the industry could save two mega tons of CO_{2-eq} – this is the equivalent of 4.6 million of barrels of oil not consumed.²

CRE requires all solar panels to have a carbon footprint certificate from CERTISOLIS in order to bid for projects in the latest round of renewable energy tenders under France’s multi-year energy procurement program PPE2. To gain eligibility for rooftop installations between 100 and 500 kWp and for PPE2 tenders, solar panels need to have a carbon footprint value below 550 kg of CO_{2-eq} per kWp.

The clean energy revolution REC Alpha Pure

With one of the world’s most advanced cell technologies, half-cut heterojunction cells in a gapless layout, the REC Alpha Pure delivers up to 410 Wp in a compact panel size. At 222 watts per square meter, the panel offers one of the highest power densities on the market, helping homeowners and businesses benefit from optimum use of space and even higher savings on energy bills. While the higher power allows consumers to offset more carbon emissions, with their

¹ REC has eliminated lead from all panel components, including cell connections, cross connectors and junction box soldering. This means the panel meets the European RoHS regulation for lead

² Greenhouse Gas Equivalencies Calculator by U.S. EPA

choice for the lead-free¹ Alpha Pure solar panel they are even more protecting the environment by preventing to add lead to the ecosystem in the future.

The REC Alpha Pure is based on REC's Twin Design and the patented split cell and junction box technology that has already proven so popular in REC solar panels, including the original and award-winning Alpha Series. The REC Alpha Pure is eligible for the premium [REC ProTrust warranty](#) package, which offers up to 25 years coverage on product, performance and labor³, with guaranteed power of at least 92% in year 25 of operation.

REC strongly committed to CSR

As all REC solar panels, the Alpha Pure Series is manufactured in REC's highly efficient production site in Singapore using Industry 4.0 practices. The company is continuously driving Energy, Water and Waste Savings programs and is using also solar power on its rooftop to reduce its own environmental footprint. At its manufacturing site in Norway, REC invented a technology to convert kerf, a by-product of the wafer production process, to high-quality solar grade silicon, drastically reducing the carbon footprint. REC is committed to a holistic Corporate Social Responsibility according to the core subjects of ISO 26000. Detailed information available at recgroup.com/csr.

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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.

Find out more at recgroup.com and on    

³ Subject to conditions