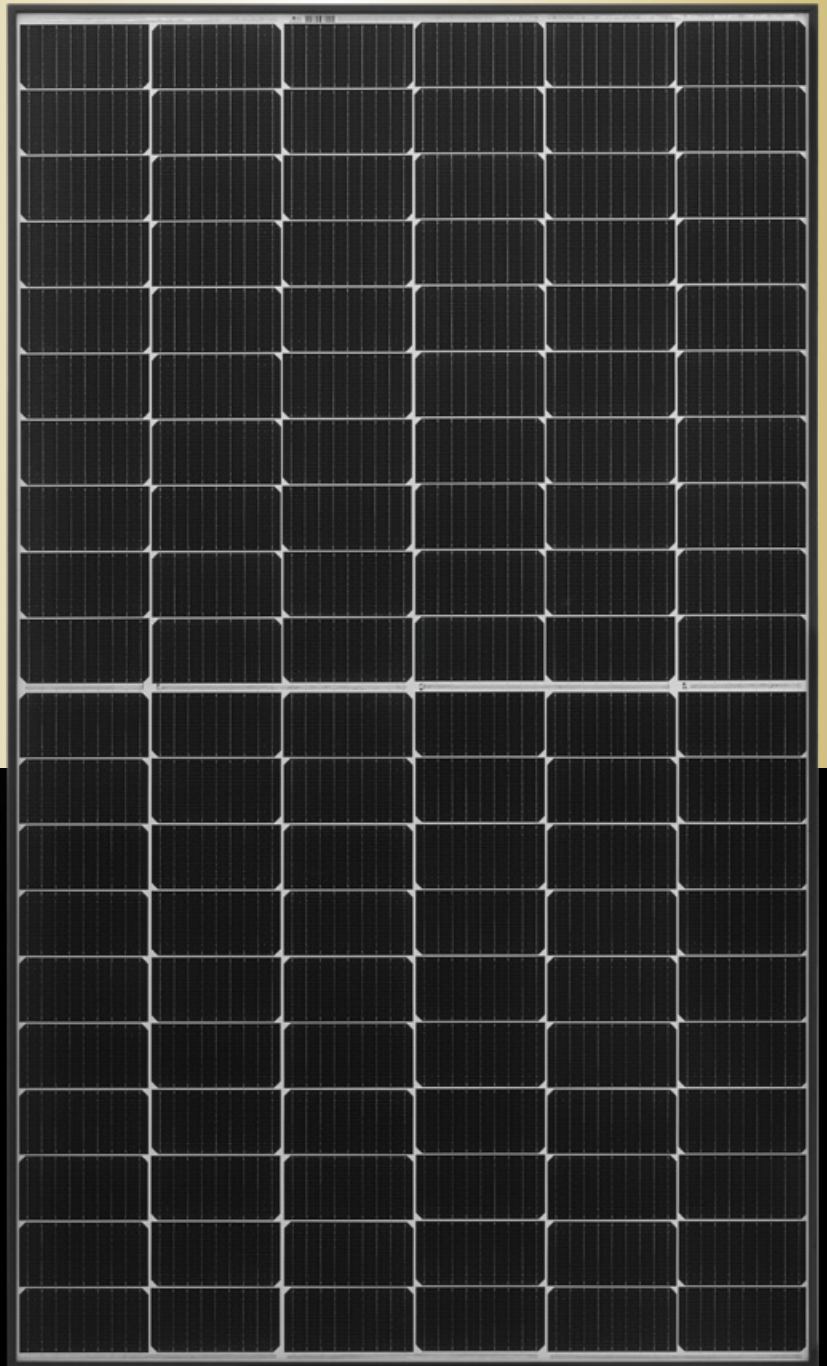


# REC N-PEAK 2: EXPLAINED

PREMIUM N-TYPE MONO SOLAR PANELS USING HALF-CUT CELL TECHNOLOGY FROM THE LARGEST EUROPEAN BRAND

The REC N-Peak 2 features innovative cell technology and a robust frame design for higher efficiency and higher power output:

- More power for more electricity generation
- Higher yields through improved performance in shaded conditions
- Proven reliability of an established European brand



**MONO N-TYPE: THE MOST EFFICIENT C-SI TECHNOLOGY**



**NO LIGHT INDUCED DEGRADATION**



**SUPER-STRONG FRAME UP TO 7000 PA SNOW LOAD**



**FLEXIBLE INSTALLATION OPTIONS**



**FEATURING REC'S PIONEERING TWIN DESIGN**



**GUARANTEED HIGH POWER OVER LIFETIME**

# REC N-PEAK 2: EXPLAINED



## A powerful 60-cell module with high efficiency!

Providing customers with up to 375 Wp in a 60-cell panel, the new REC N-Peak 2 Series uses one of the most efficient cell technologies in the industry to capture more sunlight and provide more power.

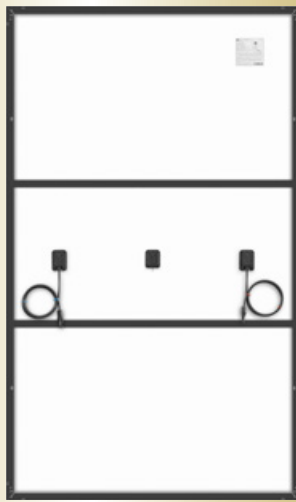
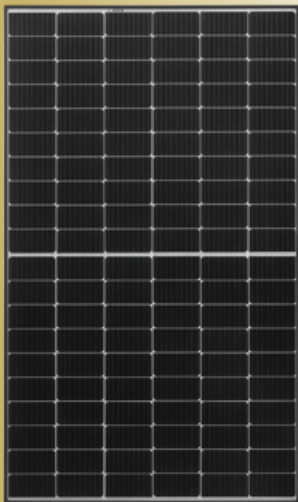
The REC N-Peak 2 is ideal for residential and smaller commercial and industrial rooftops where as much power as possible needs to be packed in to a limited space and where higher power levels need to be achieved with fewer modules. REC's unique REC Twin Design Technology, where the panel is split into two identical and mirrored sections, enables the continued production of energy, even when part of the module or array is shaded, further contributing to its high energy yields compared to standard panels.

## Advantages of REC's n-type mono cells:

Based on high efficiency monocrystalline cell technology, the REC N-Peak 2 boosts panel efficiency through n-type and TOPCon (Tunnel Oxide Passivated Contact) technologies:

- With n-type cell technology, the internal construction of a cell reduces Light Induced Degradation (LID) to zero, meaning no power loss right after installation
- TOPCon technology completely passivates the rear of the cell for increased electron capture and high and stabilized efficiency
- An excellent temperature performance keeps panels cooler for increased efficiency and higher yields
- All round higher yields at higher wavelengths, with strong performance from dawn through to dusk

Combining n-type and TOPCon technology in the REC N-Peak 2 has created a high efficiency and powerful solar panel, that helps you make the most of every installation, especially where space is limited.



## Super-strong frame design:

By using two extra support bars across the rear of the panel, the REC N-Peak 2 reduces the bending and deformation of the panel under load while allowing loads of up to 7000 Pa, far exceeding the 5400 Pa offered by conventional panels. Such an increase in panel strength and durability enables customers to achieve much higher energy yields over the total lifetime of the installation.

The 1.2 in frame height allows the optimization of packaging and transportation to reduce the amount of transport and trucks on the road, keeping the carbon footprint low for both the product and the end-user. Together, this frame design enables flexible installation options, making overcoming every obstacle during system design even easier.



## Zero LID:

The loss of power generation capacity seen in a standard solar panel on first exposure to light is known as Light Induced Degradation (LID). This is a result of the reaction of boron and oxygen inside a cell and causes a permanent drop in a standard panel's maximum power.

Not with the REC N-Peak 2, however! Through the use of n-type technology, the cells in the REC N-Peak 2 avoid a reaction between boron and oxygen at all levels. Therefore any occurrence of LID can be fully prevented.

This ensures the power of the panel remains the same as when it left the REC factory, meaning customers get exactly the power levels that they paid for.

## REC's leading warranty package:

All of the advantages of the REC N-Peak 2 combine to guarantee customers high power output over its warranted lifetime:

- 20 year product warranty
- 25 year performance warranty (0.25% max. degradation per year)
- 92% of power rating warranted after 25 years
- Eligible for REC's premium ProTrust warranty package - up to 25 years product and labor warranty

