ENERGIZING LIFE TOGETHER

REC

REC TWINPEAK SERIES

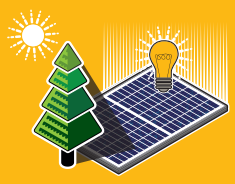
PREMIUM SOLAR MODULES GIVE YOU SUPERIOR PERFORMANCE AND POWER GENERATION

The REC TwinPeak Series features an innovative design for higher module efficiency and power output, giving you:

- More power for more electricity generation
- Higher yield through improved performance in shaded conditions
- Breakthrough technologies for increased light capture
- Proven reliability of an established European brand

inter solar award 2015 WINNER

MORE POWER OUTPUT PER M²



IMPROVED PERFORMANCE IN SHADED CONDITIONS

100% PID FREE

REDUCES BALANCE OF SYSTEM COSTS

REC TWINPEAK SERIES

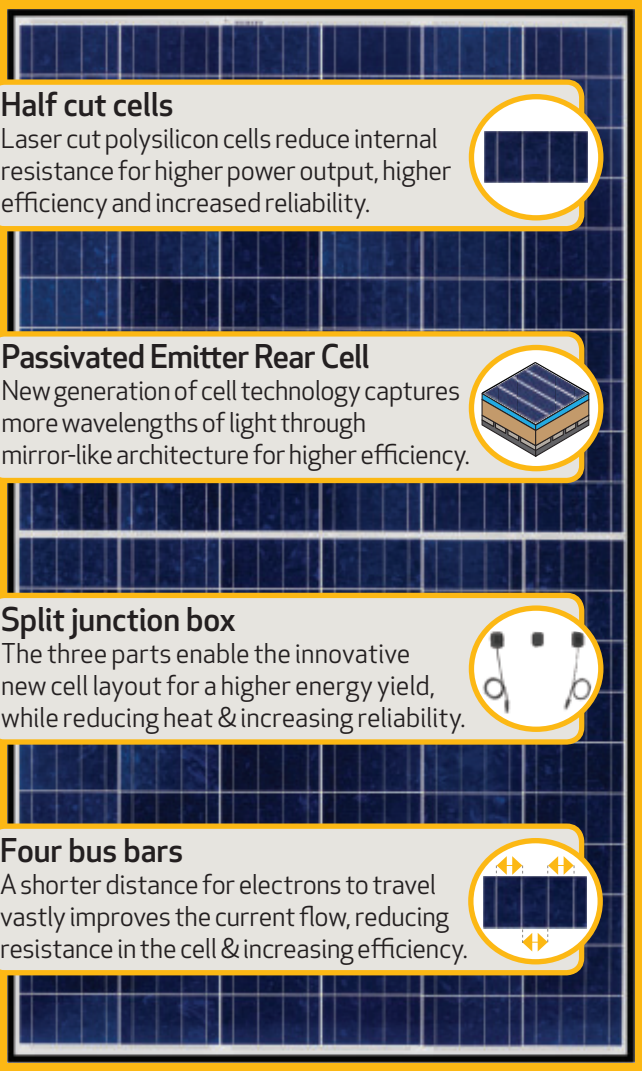
Setting new standards in polycrystalline modules

REC TwinPeak Series solar modules use unique and innovative technologies, and a ground-breaking layout, to give you a high efficiency and high power output product.

Based on 120 laser cut polysilicon cells, the REC TwinPeak Series includes four different technologies which together, result in an extra power output of over 12 Watts per module, a class-leading efficiency of up to 17% and set new standards for polycristalline solar modules.

Get more power out of the available space

Packing in the technological advancements shown below means REC TwinPeak solar modules give you more power output per square meter than standard 60-cell competition. This means that in areas with limited space, such as rooftops, you can fit in more electricity generation capacity and make maximum use of the available space.



Half cut cells

Laser cut polysilicon cells reduce internal resistance for higher power output, higher efficiency and increased reliability.

Passivated Emitter Rear Cell

New generation of cell technology captures more wavelengths of light through mirror-like architecture for higher efficiency.

Split junction box

The three parts enable the innovative new cell layout for a higher energy yield, while reducing heat & increasing reliability.

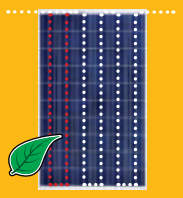
Four bus bars

A shorter distance for electrons to travel vastly improves the current flow, reducing resistance in the cell & increasing efficiency.

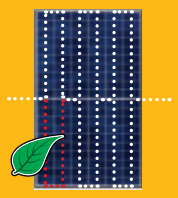
Putting standard modules in the shade

One of the major advantages of the REC TwinPeak Series compared to standard modules, is its ability to generate electricity even when partially shaded. This helps you to produce more energy over time from your installation.

If any part of a standard module is shaded, it will lose at least one string, i.e., 1/3, of its power production and even stop generating electricity fully if shaded across the module width.



When one string of a standard module is shaded, 1/3 of the module is lost to electricity generation.



An REC TwinPeak module however, has more surface area still producing electricity.

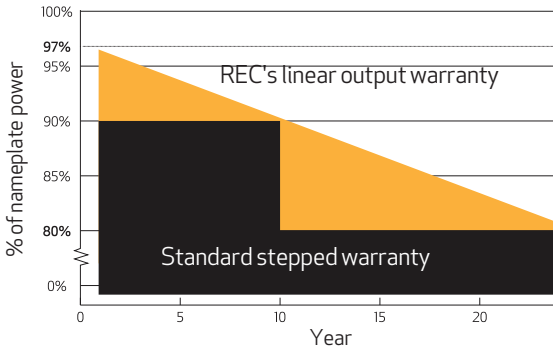
REC TwinPeak modules are split into two twin sections which generate electricity independent to each other, but combine again before the current exits the module. This helps them to continue producing electricity in the non-shaded section even at times of reduced irradiance on the module, increasing overall energy yield and installation profitability.

Reduce installation time and other balance of system costs

By delivering more power output per square meter, fewer REC TwinPeak modules are required to achieve the same power generation capacity. This means quicker installation times and fewer components such as clamps and racks – all reducing overall costs.

Lower your energy bills & shorten amortisation time through increased yield and lower costs

The REC TwinPeak Series is certified to IEC 61215, IEC 61730, UL 1703, and JET PVm. It has also been certified for: Salt Mist and Ammonia Corrosion Resistance, Potential Induced Degradation Resistance, Ignitability Resistance, and comes with a 10-year product warranty and 25-year power output warranty



REC is the largest European brand of solar panels, with more than 15 million high-quality panels produced at the end of 2014. With integrated manufacturing from polysilicon to wafers, cells, panels and turnkey solar solutions, REC strives to help meet the world's growing energy needs. In partnership with a sales channel of distributors, installers, and EPCs, REC panels are installed globally. Founded in 1996, REC is a Bluestar Elkem company with headquarters in Norway and operational headquarters in Singapore. REC's 1,800 employees worldwide generated revenues of USD 680 million in 2014.

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