

Caymax™ Module

A Grade Efficiency PV Panel

Revolutionary Product — Selective Emitter™ Solar Module

Same module size,
Same exposure time,
10% more power output!

Made uniquely of SE high efficiency solar cells*. Caymax™ modules can deliver you 10% higher efficiency**. Installations will generate **MORE** from the excellent performance under the low light condition and low hot spot effect, and get **LESS** degradation under light exposure.

MORE - LESS = ? You know how to choose!



Feature

High Module Efficiency

A Grade Cell Efficiency of up to 18.4% is over 10% higher than average PV cell efficiency (around 16%). As a result of A GRADE CELLS, Caymax panels achieve higher output than other Mono panels. A Grade Cells which are accurately matched ensure that Caymax perform exceptionally in low light, and suffer less from performance degradation over the lifetime of the panels. Caymax Module Efficiency (Watts/Area) is a market leading 15.7% which means greater performance over less area. Therefore Caymax panels can achieve higher output per square meter than other P Cell Mono panels, perform better on low light, and perform higher over the lifetime of the panels.

Feature

Caymax Panels undergo EL (Electroluminescence) testing THREE TIMES during manufacture. This process is so expensive, generally only Cell Manufacturers have it. Firstly each individual cell is tested to provide the Grading. Next the cells are tested 'Pre-Encapsulation' - this is to ensure that the cells are correctly matched, and that there is no damage. Lastly the finished panels are tested again to ensure that each module string can achieve maximum power output and the quality, matching of cells and performance of each panel is A Grade.

Feature

Industry Leading Product Warranty

All Caymax panels offer 6 years product warranty. 12 years at 90% of the minimal rated power output, 20 years 83% of the minimal rated power output and 25 years at 80% of the minimal rated power output.

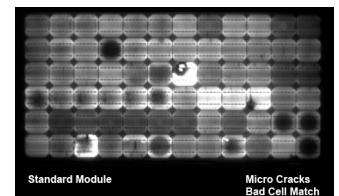
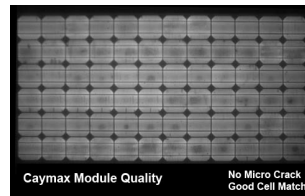


Feature

Enhanced Low Light Performance

You could benefit MORE from the excellent performance under the low light condition and low hot spot effect, and get LESS degradation under light exposure. Module output under laboratory conditions usually does not reflect actual output in real-world installations. In the U.K. where we do not have exceptional light all year round, performance under low light conditions has a strong impact on energy yield. Our cell design and improved solar glass ensure that Caymax modules perform well under real world, low light conditions.

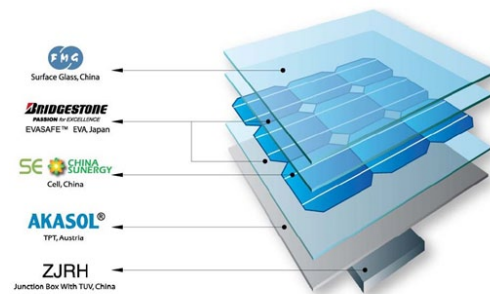
Power Optimized Current Sorting



Feature

Best Material for Caymax Module

PV panels are made up of multiple layers in order to achieve the finished panel. Each one of these layers is critical and has a dramatic effect on the quality and performance of the panel. Caymax PV panels use only the A Grade components from the PV industry recognised leading manufacturers. IF ANY ONE OF THE COMPONENT LAYERS IS OF LOWER QUALITY THEN THE PANELS BECOME CHEAPER – BUT THE QUALITY IS DRAMATICALLY EFFECTED.



* Average efficiency of 17.8%, up to 18.8%.

**compared to modules with the same size, made of normal P-type solar cells, average efficiency of which is 16%.

***12 years at 90% of the minimal rated power output, 20 years at 83% of the minimal rated power output, 25 years at 80% of the minimal rated power output.