



SANYO HIT[®] Solar Kit

A complete one-stop system

Now offered SANYO excellence and quality in a full package

SANYO HIT[®] solar kit consists of SANYO's high performance HIT[®] Solar modules, high efficient inverters and easy to install reliable mounting systems. SANYO's innovative new HIT[®] solar module is composed of a single thin monocrystalline silicon wafer surrounded by ultra-thin amorphous silicon layers. And HIT[®], for your information, stands for Heterojunction with Intrinsic Thin layer.

So why is HIT[®] such a major breakthrough in photovoltaic technology?

The single most important benefit of SANYO HIT[®] solar cells is that they are a lot more efficient than conventional crystalline silicon solar cells. This is because they significantly reduce the losses that occur due to inhomogeneous crystal structures on the surface of the solar cell.

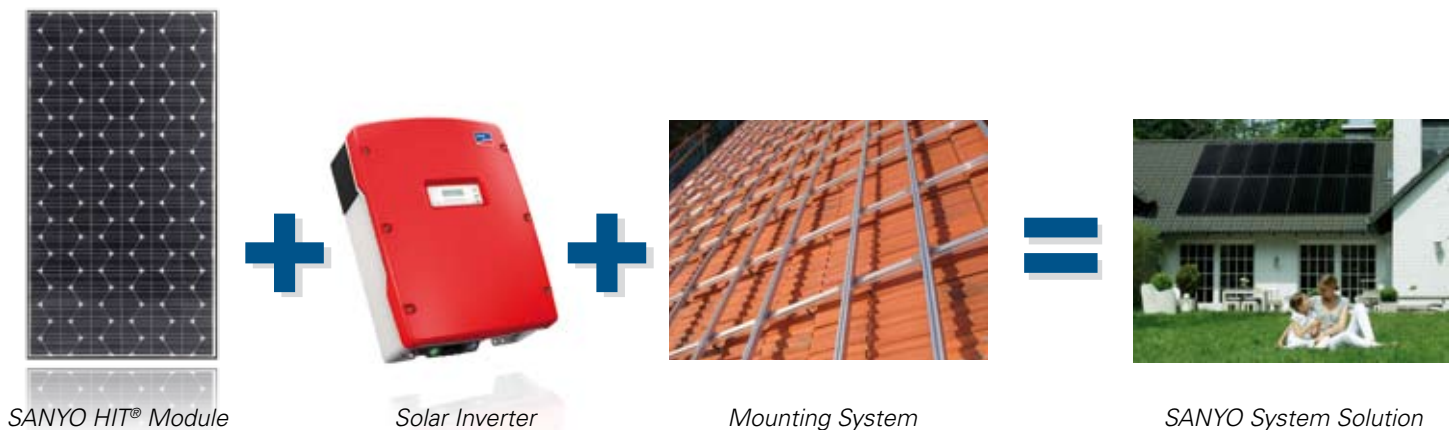
Thanks to this technology, the efficiency of SANYO HIT[®] modules is around **30% higher** than the market average. Even at high temperatures, HIT[®] solar cells can maintain higher efficiency than conventional crystalline silicon solar cells.

SANYO – your one-stop solar energy solution

In addition to our industry-leading HIT® modules, SANYO now also supplies customised mounting systems for your panels – plus the essential

inverter required to change the electrical energy gathered from DC to AC. The inverter technology is equally advanced, providing leading-edge efficiency of up to 98%.

If you want the best solar energy system, why go anywhere else?



Product highlights:

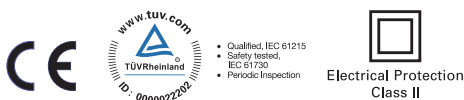
- World's highest cell conversion efficiency (20%)
- Around 30% reduction of the installation space
- At high temperatures, HIT® solar cells can maintain higher efficiency than conventional crystalline silicon solar cells
- Up to 5% higher annual output under same conditions

Model	Max. power (W)	Cell Efficiency	Module Efficiency
HIT-240HDE4	240	20.0%	17.3%
HIT-235HDE4	235	19.6%	16.9%
HIT-230HDE1	230	19.2%	16.6%
HIT-225HDE1	225	18.8%	16.2%
HIT-215NKHE5	215	19.3%	17.1%
HIT-210NKHE5	210	18.9%	16.7%

Note 1: Standard test conditions: Air mass 1.5, Irradiance = 1000 W/m², Cell temperature = 25°C.

Note 2: The values in the above table are nominal.

Certificates IEC 61730 IEC 61215



SANYO Sales & Marketing Europe GmbH
Stahlgruberring 4
81829 Munich
Germany
Phone: +49 (0)89 / 451 16 228
Fax: +49 (0)89 / 451 16 101
Email: matthias.gruss@sanyo.com

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