



Sanyo 200W HIT Module



Sanyo HIT Double Bifacial Module

Sanyo

HIT[®] Solar Modules

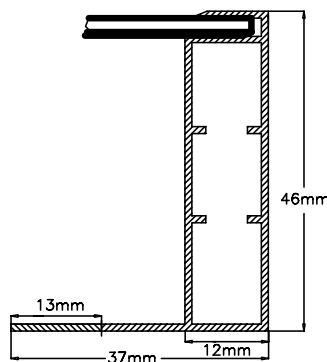
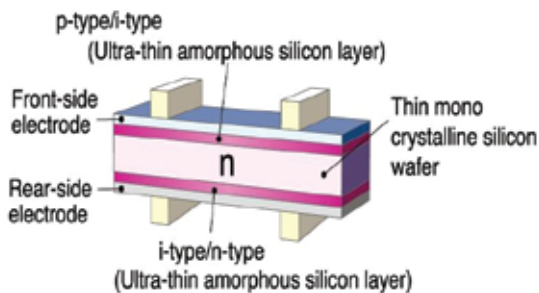
Sanyo's HIT solar modules feature Sanyo's proprietary HIT technology—hybrid solar cells with single crystalline silicon surrounded by ultra-thin amorphous silicon layers. This unique structure minimizes defects at the p/n junction and produces highly efficient solar cells. With panels achieving up to 20.4 watts per square foot, Sanyo solar systems obtain maximum power within a fixed space. 20-year limited, power output warranty, and 5-year workmanship.

HIT cells offer superior temperature characteristics compared to conventional crystalline silicon cells. The result is more energy produced at higher temperatures—up to 10% more. All HIT modules come with a power guarantee at the time of purchase to ensure customers get what they paid for (or more). With more kWh per rated watt, Sanyo's HIT solar panels are ideal for areas with performance-based incentives and renewable energy credits.

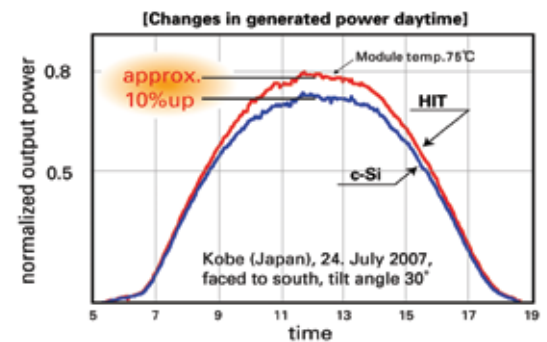
The new HIT Power series features improved performance and easier installation. The HIT Power 200 achieves 17.2% efficiency and the HIT Power 195 achieves 16.8%. HIT Power modules have enhanced materials for high heat performance, increasing the areas where HIT modules can be installed to include areas with monthly average high temperatures (MAHT) up to 45 degrees Celsius (113 degrees Fahrenheit). HIT Power's black anodized aluminum frame has been increased to 1.8" for more strength, and an inside ledge added to tuck and clip away cables. This ledge has two pre-drilled ground holes and four symmetrical (see detail) mounting holes. For added safety, each HIT Power module uses #12 AWG cables with increased insulation and MC 4mm latching connectors. Maximum system voltage: 600, 60 PSF load rating, operating temperature: -20°C, +46°C, UL-1703 listed, cUL, CEC.

HIT Double[®]

Sanyo's HIT Double bifacial solar modules have a double-glass structure that captures both direct sunlight and reflected light from surrounding surfaces, generating electricity from both sides of the panel simultaneously. HIT Double can increase the amount of electricity produced by up to 30% compared to single-sided HIT panels depending on system design, location, and albedo. HIT Double panels open up new solar system design possibilities for many customers, including carports, awnings, trellises, walkways, porch and deck coverings, etc. HIT Double modules have a silver anodized lipped frame (includes 4 internal bypass diodes and touch-safe junction box with MC 3mm connectors), withstand 1" dia. hailstones @ 52 mph, and the static load wind/snow = 50 PSF. UL-1703, cUL, CEC. Maximum system voltage is 600 Vdc.



New Frame - HIT



Part #	Model	Watts	Vmp	Imp	Voc	Isc	Dimensions	Module Eff.	Weight
140017	HIT Power 190	190	54.8	3.47	67.5	3.75	51.9 x 34.6 x 1.8	16.4%	33
140016	HIT Power 195	195	55.3	3.53	68.1	3.79	51.9 x 34.6 x 1.8	16.8%	33
140015	HIT Power 200	200	55.8	3.59	68.7	3.83	51.9 x 34.6 x 1.8	17.2%	33
140190DSE	HIT Double 190	190	55.3	3.44	68.1	3.70	53.2 x 35.4 x 2.4	up to 20.4%	51
140195DSE	HIT Double 195	195	55.8	3.50	68.7	3.73	53.2 x 35.4 x 2.4	up to 16.1%	51
140200DSE	HIT Double 200	200	56.2	3.56	68.8	3.75	53.2 x 35.4 x 2.4	up to 16.9%	51

*HIT Double bifacial solar panels' Rated Power is measured at Standard Test Conditions, not including power produced from the backside. The I-V characteristics with backside irradiation increase Isc values. This amount of Isc increase depends upon the level of incident light irradiance (albedo) available to the backside, upon system design, location etc. HIT Double panels may produce up to 130% of their STC rating, and Isc should be sized accordingly when calculating system components to account for the increase in power.