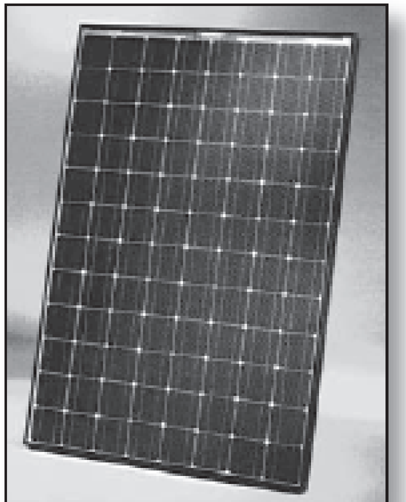
Grid-Tie Modules

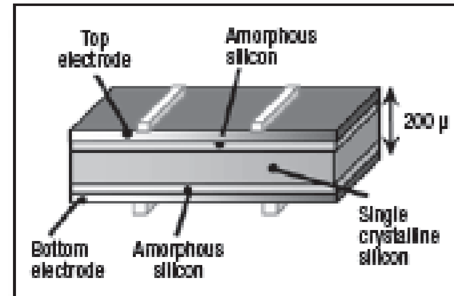
SunWize® Reliable People ::: Reliable Products ::: Reliable Power


Sanyo 190 watt HIT module

Sanyo

Sanyo HIT Solar Modules

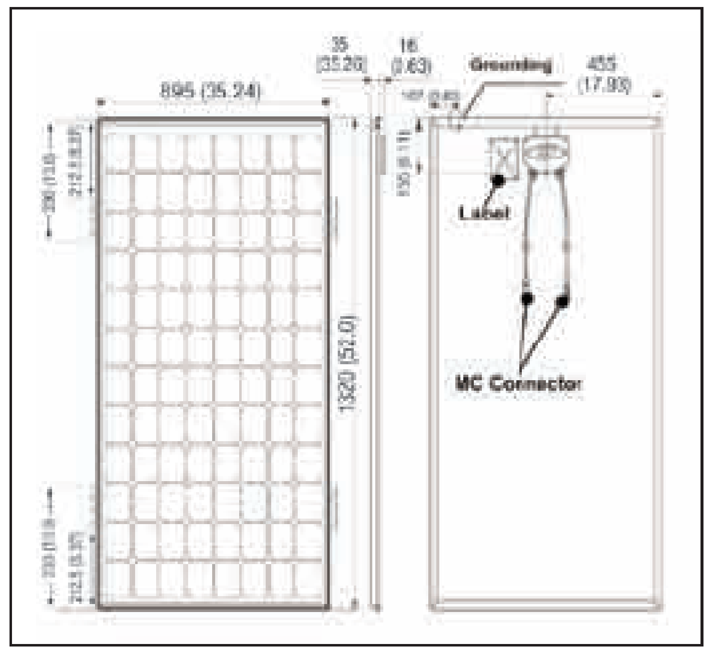
The HIP-190BA3 and HIP-200BA3 modules use Sanyo HIT solar cells which are made of a thin single crystal silicon wafer surrounded by ultra-thin amorphous silicon layers. These cells offer superior temperature characteristics compared to conventional crystalline silicon cells. This results in higher energy output at elevated cell temperatures — a very useful feature on a hot roof. HIT modules have the leading industry PTC ratings per watt (W ptc) resulting in higher rebates per name plate watt in some state programs including California's. Field data demonstrates up to a 10% increase in delivered energy at a cell temperature of 75°C.

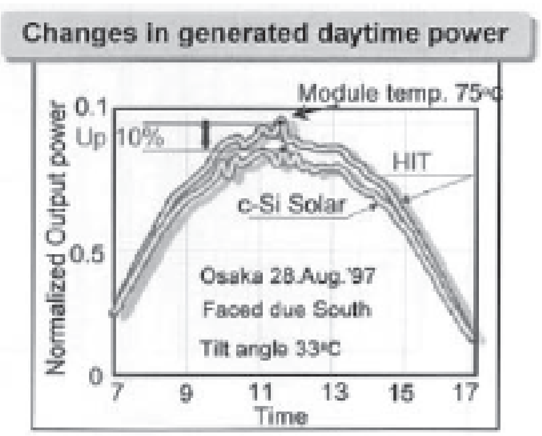


Cross section of a HIT solar cell

High Output - Sanyo's unique HIT solar cells are a hybrid of technologies. As outside temperatures rise, HIT cells produce more electricity than conventional solar cells at the same temperature

High Power & Efficiency - Powerful Sanyo modules convert more sunlight into electricity, increasing power produced and reducing the number of solar modules and space needed for installation.





Each module has two USE-2 #12 AWG lead wires with male and female Multi Contact® connectors. Bypass diodes are factory installed. The dark bronze anodized aluminum frames are designed with "L" hooks for easy top-down mounting. UL listed to UL1703 and cUL. Twenty-year limited warranty.

Model	Watts	Vmp	Imp	Voc	Isc	Dimensions in.	Weight lb.
HIP-190BA3	190	54.8	3.47	67.5	3.75	51.97 x 35.20 x 1.4	31
HIP-200BA3	200	55.8	3.59	68.7	3.83	51.97 x 35.22 x 1.4	31