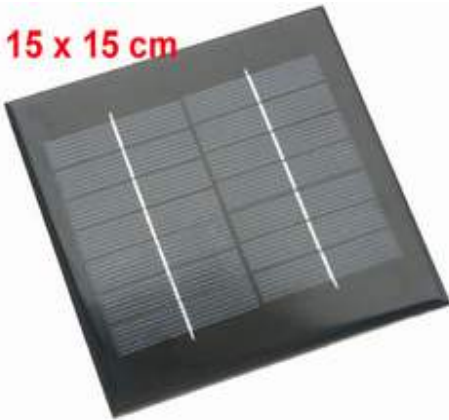


Single-Crystal-Silicon / Polycrystalline Silicon Solar Cells

18 x 29 cm



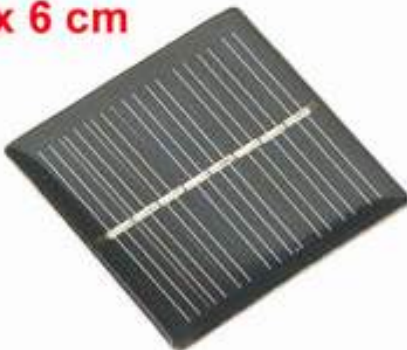
15 x 15 cm



11 x 15 cm



6 x 6 cm



TRONY solar modules, made from electrically matched single-crystal-silicon that is encapsulated in tempered glass, are available for small power household appliance uses. The voltage ranges from 3V to 24V and the peak power ranges from 5W to 20W with an expected service life of 20 years.

The advanced technology endows these Solar cells with an optimized pyramidal surface, so that it can absorb more irradiance. The peak power of each cell reaches 2.5W~2.7W. When the cells are encapsulated in EVA/tempered glass sandwich or covered with an anti-reflective coating, the conversion rate of them will continue to increase. On an average, the final conversion rate of the cell will be up to 15% or more. Cell is convenient for cutting into pieces, and is easier to be soldered because of its wider Bus bar. Coupled with low material waste, the cell is suitable to make all kinds of panels and modules.

TRONY imports single-crystal-silicon and polycrystalline silicon solar cells from Europe and North America, where the most advanced solar cells are manufactured. For a long run, TRONY has

strong alliance with these manufacturers. Among these solar cells, 135x 135 full square single-crystal-silicon is the most popular and efficient commercial solar cells in the world.

TROVY solar panels with features of low cost and small size are also made of electrically matched single-crystal-silicon that is encapsulated in epoxy. The voltage ranges from 0.5V to 24V and the current from 1mA to 10A.

TRONY also provides quality polycrystalline solar cells imported from France and Finland.