

The polycrystalline solar cells used in the SXp series are electrically connected using ultra-thin copper wires that form a very fine mesh on the cell surface, resulting in thousands of contact connected points. This technology is optimally suited to flexible modules, due to its intrinsic insensitivity to micro-cracks, that are the most common cause of energy loss in solar modules. The new connection technology, together with the use of high efficiency polycrystalline silicon cells, makes SXp panels especially powerful and reliable.



Peak power - Pmax	102 W ±5%
Rated Voltage - Vmp	12,2V
Rated Current - Imp	8,5 A
Open Circuit Voltage - Voc	15,3 V
Short Circuit Current - Isc	9,1 A
Temp. Coeff. Pmax	-0.44 %/°C
Temp. Coeff. Voc	-0.33 %/°C
Temp. Coeff. Isc	0.05 %/°C
Operating Temp.	-40 ÷ 85
Standard Test Conditions	(1000 W/m ² irradiance, AM 1.5, 25°C)
Number of cells	24
Strings of cells	4 x 6
Length	1046 mm
Width	683 mm
Thickness	2 mm
Weight	1,7 Kg.
Maximum system voltage	1000V
Over current protection rating	12A
Application class (IEC 61730) A/B/C	A
Protection class	Class 0