

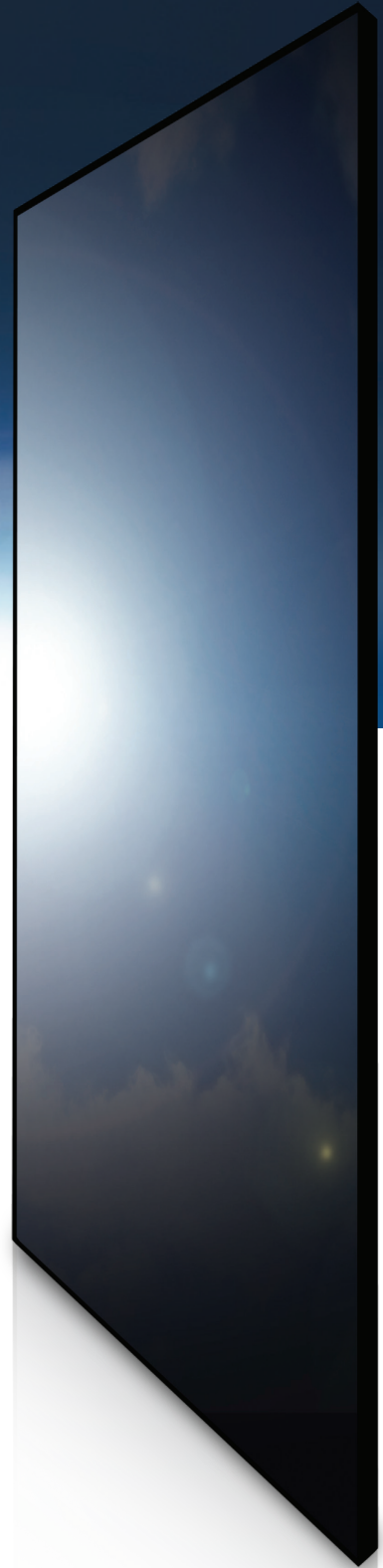


SN-110 / SN-120 / SN-130

Solar Modules

The Stion SN-110, SN-120 and SN-130 solar modules provide exceptional efficiency and superior performance.

The modules utilize Stion's breakthrough technology, developed and manufactured in the USA by a world class team with unmatched solar expertise in thin films.



High Efficiency

State-of-the-art materials and device structures couple with proven, high-yield production processes to consistently produce thin-film solar modules that are among the most efficient on the market.

Superior Power Performance

Low temperature coefficient and excellent shade and debris tolerance provide outstanding energy delivery per watt.

Aesthetics and Design

Black design has virtually invisible cell lines that offer superior aesthetics. The black anodized aluminum frame is compatible with most racking systems. Convenient form factor enables easy installation and more modules per rack.

Long-term Reliability

Proven glass-glass package provides a robust design for installation in a variety of environments. Backed by a 10 year workmanship warranty and a 25 year limited power warranty.

Made in the USA

All of Stion's modules are designed and manufactured in the United States under the highest quality standards.



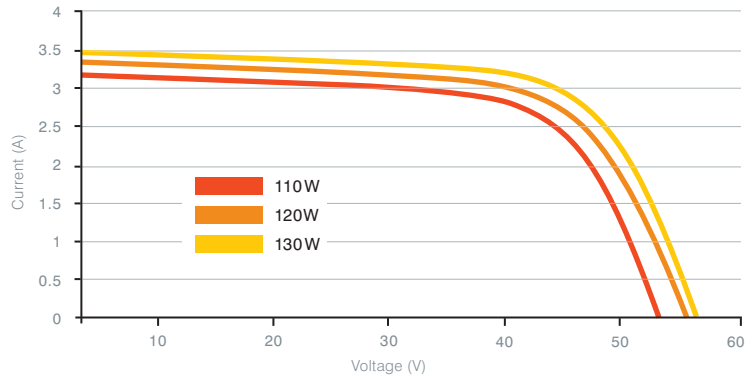
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Solar Modules

Warranty and Qualifications

Limited Power	90% at 10 years 80% at 25 years
Workmanship	10 years
Pending Certifications	ANSI/UL 1703 IEC 61646 IEC 61730
Fire Resistance	Class C
Mechanical / Wind Load	2400 Pa (50 psf)

I-V Curves



Measured at Standard Testing Conditions (STC): 25°C, 1000W/m², AM 1.5G

Mechanical Data

Width	25.8 in. (655mm)
Length	65.9 in. (1675mm)
Depth	1.4 in. (35mm)
Weight	37.0 lbs. (16.8kg)
Total Area	11.84 ft ² (1.10m ²)
Frame	Black Anodized Aluminum
Cable	14 AWG Cable 39.4 in (1m)
Connectors	MC-4 Compatible

Electrical Data*

Nominal Power (W)	110	120	130
Module Efficiency (%)	10.0%	10.9%	11.8%
V _{mpp} (V)	40.6	42.7	43.2
I _{mpp} (A)	2.71	2.81	3.01
V _{oc} (V)	52.5	55.2	56.2
I _{sc} (A)	3.15	3.32	3.46
Series Fuse Rating (A)	8	8	8
Power Tolerance	+/-5%	+/-5%	+/-5%
Temp. Coefficient (P _{max})	0.45%/°C	0.45%/°C	0.45%/°C

Measured at Standard Testing Conditions (STC): 25°C, 1000W/m², AM 1.5G

Dimensions Inches (mm)

