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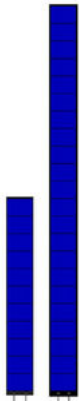
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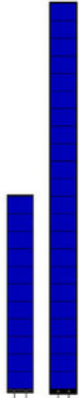
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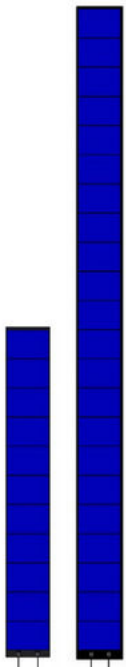


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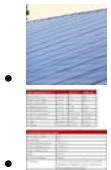
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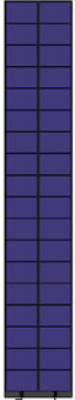
Characteristics

- Technology:
thin-film, amorphous silicon
- Other characteristics:
for roofs

Description

Xunlight offers a line of lightweight and mechanically flexible photovoltaic modules. The products are specifically designed for rooftop installations. Xunlight currently offers four widths of products, the XR (for TPO and EPDM membrane roofs), XRS (for 24" standing seam roofs), XRU (for 16" standing seam roofs) and XRN series (for 12" standing seam roofs). These products all use the bandgap-tuned triple-junction thin-film silicon solar cells, manufactured by Xunlight at its Toledo, Ohio, USA factory. Xunlight also welcomes enquiries for custom sized product. Our flexible manufacturing process can allow us to offer custom product at relative low minimum volumes. Xunlights certified modules can be utilized for either on-grid or off-grid applications and they come backed by our 25 year power-output warranty. Our solar modules are produced using the companys innovative and patented manufacturing process and are designed to deliver high energy efficiency at a low cost for years to come.

Go to the XUNLIGHT CORPORATION website for more information



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USA - California

thin-film PV panel / amorphous silicon / for roofs - XLS11 72 W

Basic Characteristics at STC		XLS11-72	XLS22-144
Power ($\pm 10\%$)	Pm (W)	72	144
Open Circuit Voltage	Voc (V)	24.2	48.4
Short Circuit Current	Isc (A)	5.1	5.1
Voltage at Max Power	Vm (V)	17.60	35.20
Current at Max Power	Im (A)	4.09	4.09
Length (± 5 mm/0.20 in)	L (mm/in)	2741/107.9	5392/212.3
Width (± 3 mm/0.12 in)	W (mm/in)	378/14.9	378/14.9
Weight	M (kg/lbs)	2.8/6.2	5.3/11.7
Thickness	T (mm/in)	1.5/0.06	1.5/0.06

Characteristics for System Design *	
Max System Voltage	600 V
Series Fuse	8 A
Temp Coefficient of Power	- 0.23 %/°C
Temp Coefficient of Voc	- 0.38 %/°C
Temp Coefficient of Isc	+0.12 %/°C
NOCT	51.5 °C
UL 1703 Fire Rating	Class A*
Connectors	12 AWG double-insulated PV cable. Tyco Solarlok connectors 4-1394462-8 (+) and 7-1394461-3 (-). MC4-compatibles upon request.



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