



XR Solar Laminate Series

Models: XR12-100
XR36-300

Basic Characteristics at STC		XR12-100	XR36-300
Power (±5%)	Pm (W)	100	300
Open Circuit Voltage	Voc (V)	27.0	81.0
Short Circuit Current	Isc (A)	6.35	6.35
Voltage at Max Power	Vm (V)	20.0	60.0
Current at Max Power	Im (A)	5.00	5.00
Length (±3 mm/0.12 in)	L (mm/in)	1779/70.03	5160/203.16
Width (±3 mm/0.12 in)	W (mm/in)	889/35.00	889/35.00
Weight	M (kg/lbs)	4/9	12/26
Thickness	T (mm/in)	1.5 (1/16")	1.5 (1/16")

Characteristics for System Design (see manual/contact Xunlight for details)	
Max System Voltage	600 V (US/Canada), 1000 V (Europe)
Series Fuse	10 A (UL 1703/US NEC), 8 A (Europe/IEC)
Temp Coefficient of Power	- 0.23 %/°C
Temp Coefficient of Voc	- 0.38 %/°C
Temp Coefficient of Isc	+0.11 %/°C
NOCT	51.7 °C
Classification	IEC Application Class A/Safety Class II
UL 1703 Fire Rating	Class A
Connectors	12 ga double insulated PV cable. Tyco SolarLok connectors 4-1394462-8 (+) and 7-1394461-3 (-). MC4 on request.

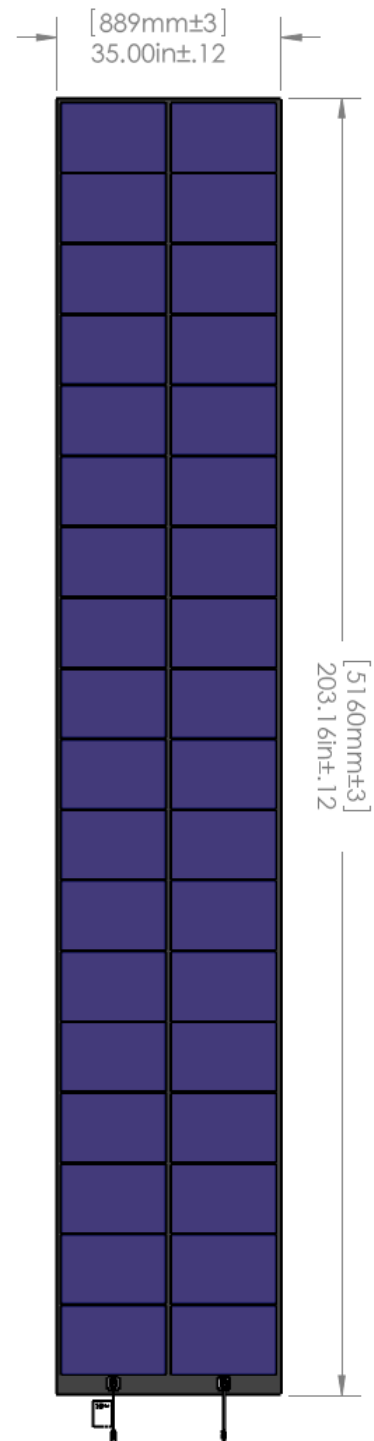
Certifications
Certified to the following standards: IEC 61646, EN 61730 and UL 1703.

Warranty
25 year limited power output warranty (80% of minimum power at 25 years)
5 year limited product warranty

All specifications subject to change without notice. Latest datasheets available at www.xunlight.com.



Safety Class II



XR36 shown
See table for other models