



XRS Solar Laminate Series

Models: XRS10
XRS18
XRS19

Basic Characteristics at STC		XRS10	XRS18	XRS19
Power (±5%)	Pm (W)	83	150	158
Open Circuit Voltage	Voc (V)	22.5	40.50	42.75
Short Circuit Current	Isc (A)	6.35	6.35	6.35
Voltage at Max Power	Vm (V)	16.67	30.0	31.67
Current at Max Power	Im (A)	5.00	5.00	5.00
Length (±3 mm/0.12 in)	L (mm/in)	2944/115.9	5198/204.6	5480/215.8
Width (±3 mm/0.12 in)	W (mm/in)	454/17.9	454/17.9	454/17.9
Weight	M (kg/lbs)	3.3/7.2	6/13.2	6.3/13.8
Thickness	T (mm/in)	1.5 (1/16")	1.5 (1/16")	1.5 (1/16")

Characteristics for System Design (* see manual/contact Xunlight for details)	
Max System Voltage	600 V
Series Fuse	10 A
Temp Coefficient of Power	- 0.23 %/°C
Temp Coefficient of Voc	- 0.38 %/°C
Temp Coefficient of Isc	+0.12 %/°C
NOCT	51.7 °C
Fire Rating	Class A *
Connectors	12 AWG double-insulated PV cable. Tyco Solarlok connectors 4-1394462-8 (+) and 7-1394461-3 (-).

Certifications
Certified to the following standards: UL 1703.

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

[454mm±3]
17.88in±.12



[5480mm±3]
215.75in±.12

XRS19 shown
See table for other models

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

