



Product Data Sheet

XRS Solar Laminate Series*

Models: 13-72-014 XRS10
13-72-015 XRS18
13-72-016 XRS19

Matrix Energy Part #		13-72-014	13-72-015	13-72-016	
Model #		XRS1	XRS1	XRS19	
Basic Characteristics at STC	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")

[454mm±3]
17.88in±.12



[5480mm±3]
215.75in±.12

Characteristics for System Design (* see manual/contact Matrix Energy 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	



***Specify MC4 connectors at time of order.**

All specifications subject to change without notice. Latest datasheets available at www.matrixenergy.ca

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13-72-016 XRS19 shown
See table for other models

