



Product Data Sheet

XR Solar Laminate Series*

Models: 13-72-017 XR12
13-72-018 XR36

Matrix Energy Part #		13-72-017	13-72-018	
Basic Characteristics at STC	Model #	XR12	XR36	
	Power (±5%)	Pm (W)	97	291
	Open Circuit Voltage	Voc (V)	26.50	79.50
	Short Circuit Current	Isc (A)	6.35	6.35
	Voltage at Max Power	Vm (V)	19.40	58.20
	Current at Max Power	Im (A)	5.00	5.00
	Length (±3 mm/0.12 in)	L (mm/in)	1801/70.91	5182/204.03
	Width (±3 mm/0.12 in)	W (mm/in)	911/35.88	911/35.88
	Weight	M (kg/lbs)	4/9	12/26
	Thickness	T (mm/in)	1.5/0.06	1.5/0.06

Characteristics for System Design *	
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	- 0.243 %/°C
Temp Coefficient of Voc	- 0.394 %/°C
Temp Coefficient of Isc	+0.136 %/°C
NOCT	51.5 °C
Classification	IEC Application Class A/Safety Class II
UL 1703 Fire Rating	Class A

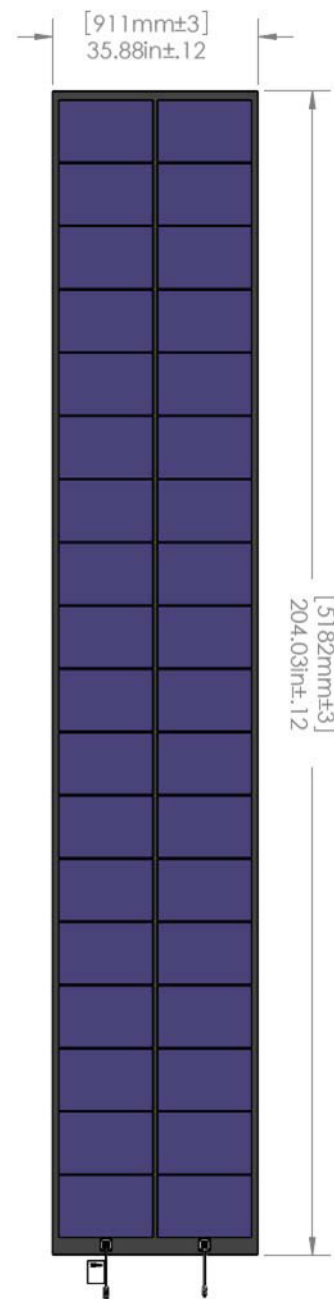
* See manual or contact Matrix Energy for details.

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

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

All specifications subject to change without notice.



13-72-018 XR36
See table for other models

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