



XRD Solar Laminate Series

Resourcing
TheMoreValue

Basic Characteristics at STC		XRD-144W
Power (±5%)	Pm (W)	144
Open Circuit Voltage	Voc (V)	46.2
Short Circuit Current	Isc (A)	5.3
Voltage at Max Power	Vm (V)	33.0
Current at Max Power	Im (A)	4.36
Length (±5 mm/0.12 in)	L (mm)	5392
Width (±5 mm/0.12 in)	W (mm)	378
Approximate Weight	M (kg)	5.3
Thickness	T (mm)	1.5

Characteristics for System Design *	
Max System Voltage	600 V (US/Canada), 1000 V (Europe)
Series Fuse	8 A (UL 1703/US IEC 61646 and IEC 61730)
Temp Coefficient of Power	-0.0021/° K(-0.21%/°C)
Temp Coefficient of Voc	-0.0038/° K(-0.38%/°C)
Temp Coefficient of Isc	0.001/° K(0.10%/°C)
NOCT	46 °C
Classification	IEC Application Class A/Safety Class II
UL 1703 Fire Rating	Class A

* See manual or contact Rundaenergy for details.

Certifications

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

Warranty

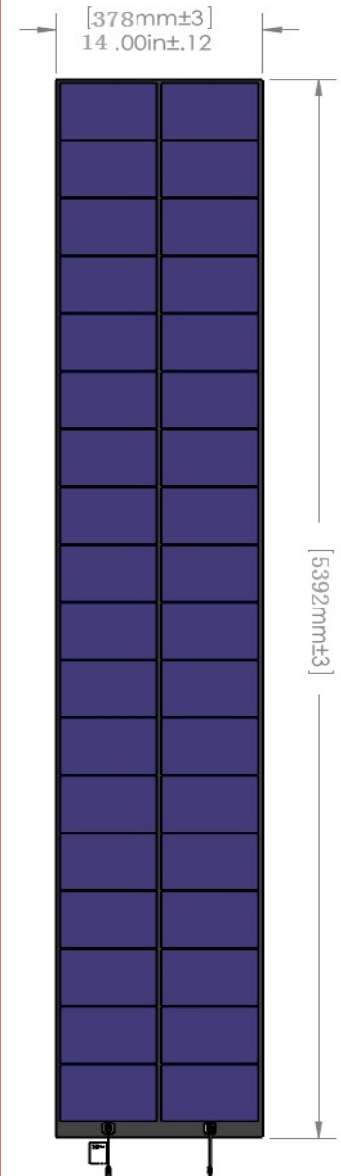
25 year limited power output warranty (80% of minimum power at 25 years)

5 year limited product warranty

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



Safety Class II



IV Curves at various Levels of Irradiance at Air Mass 1.5 and 25 °C Cell Temperature

