

WM-120-FX-24L

WEL FLEXIBLE

WAAREE®

One with the Sun



Ultra Light Weight



Higher Open Circuit Voltage



Low Series Resistance



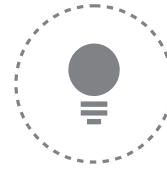
Easy & Quick to Install



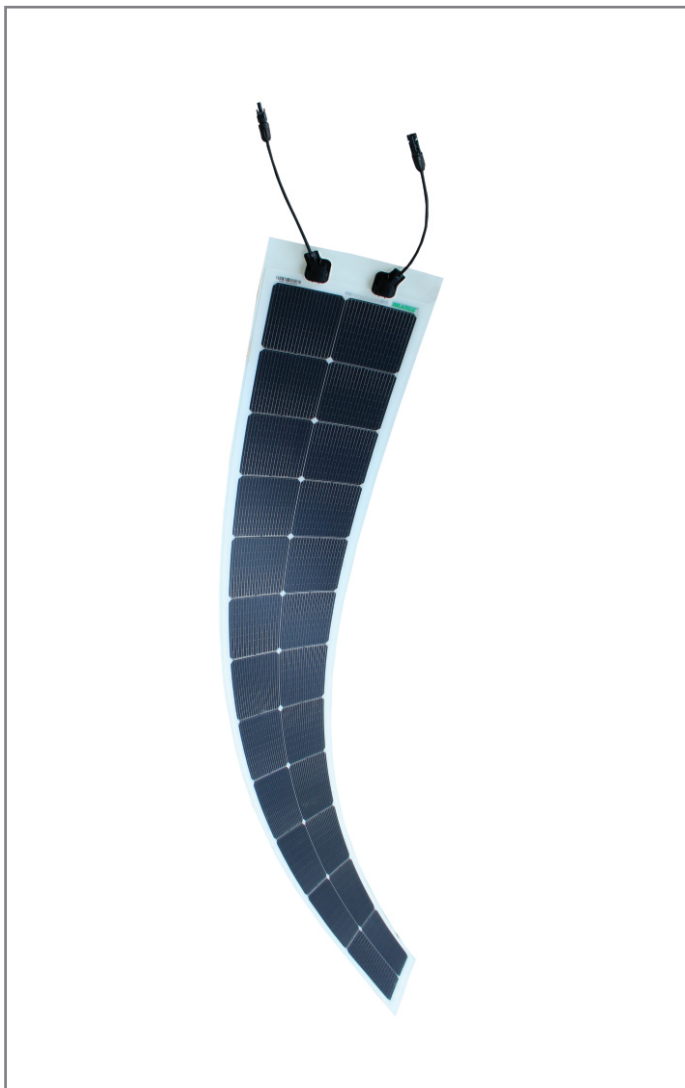
Built in Crack Tolerance



Low System Installation Cost

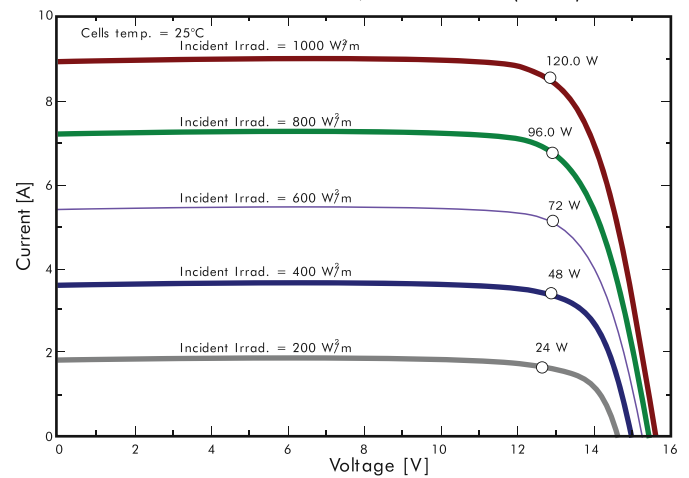


Superior Low Light & Low Sun Angle Performance



CHARACTERISTICS CURVES

PV module: Waaree, WM-120FX (2x12)



CERTIFICATIONS AND WARRANTY

*Certification	IEC 61215(ed.2) IEC 61730-2(ed.1), IEC61730-1(ed.1)
Fire Safety Class	Class C
Material & Workmanship Warranty	5 Years *
Power Output Warranty	15 Years*

For Non Roofing 2 Years of workmanship and 5 Years on Power output
For roofing 5 Years of workmanship and 15 Years on Power Output

TEMPERATURE COEFFICIENT

Voc	-0.3095%/k
Isc	0.0398%/k
FF	-0.1074%/k
Power	-0.3938%/k

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ELECTRICAL PROPERTIES (STC*)

Model Number	WM-100-FX	WM-105-FX	WM-120-FX
Rated Power Pmax (Watt)	100	105	120
Number of Cell in Series (Nos.)	24	24	24
Max Peak Voltage Vmp (Volt)	12.15	12.53	13.69
Max Peak Current Imp (Amp)	8.24	8.39	8.77
Open Circuit Voltage Voc (Volt)	14.98	15.21	16.3
Short Circuit Current Isc (Amps)	8.49	8.65	9.20
Active Area Efficiency (%)	16.95	17.8	18.65
Max System Voltage Vdc	1000 V (IEC) / 600 V (UL)		
Power Tolerance (%)	+3		
Max Series Fuse Rating (Amp)	15		
Operating Temperature	-40° C to 85° C		

MECHANICAL PROPERTIES

Solar Cells Arrangement (Nos)	24 (2X12)
Cell Dimensions	158.75 X158.75
Cell Type	Mono PERC
Module Dimension (L X W X H)	2050 X 376 X 21 mm
Weight	3.5±0.5 KG
Junction Box	IP 67 rated with 2 by pass diodes
Connector Type	MC4 Compatible
Superstrate type	ETFE Polymer

MODULES DIMENSIONS

