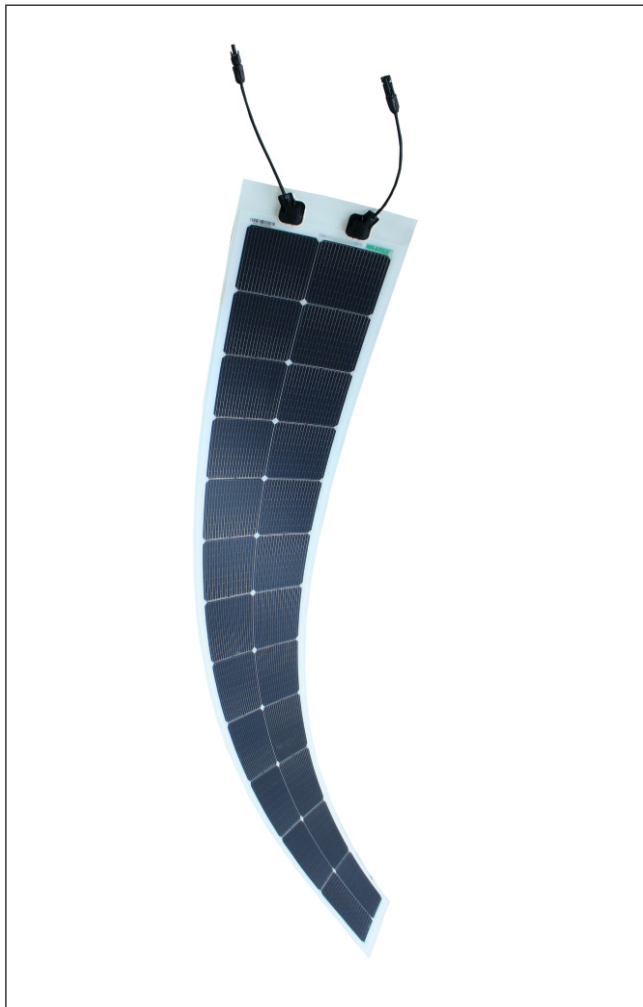
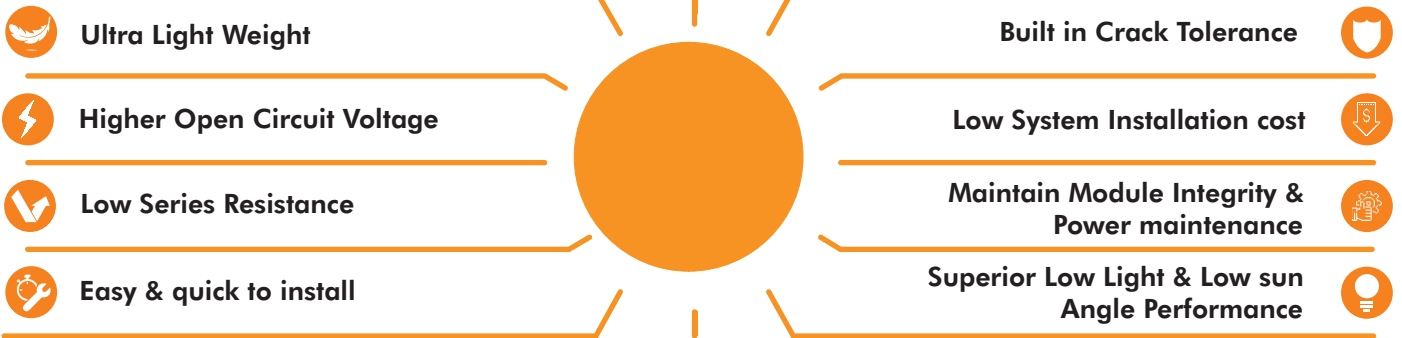
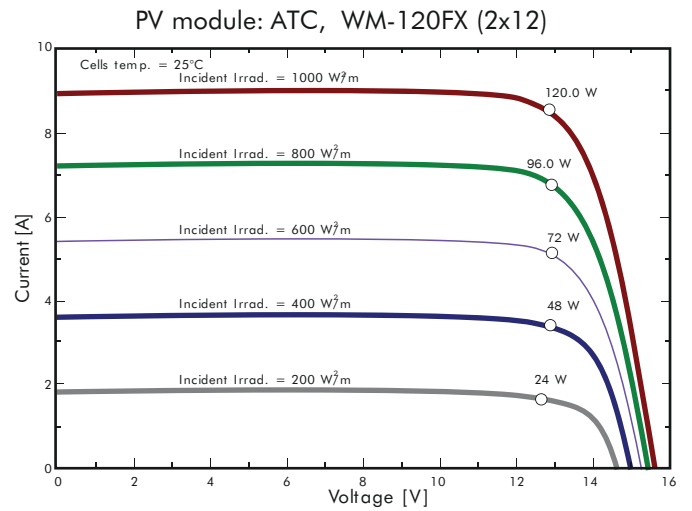


WM-120-FX-24L

Eutectic Car introduces thfi erst energy efficient module in Europe which is designed to protect against vibration induced damages & increase the power performance through strengthened solar cell by sandwiching the fragile Silicon cell by two copper grids and by collecting current in a distributed fashion which eliminates the electrical impact of cell crack which in turn improves the power performance & long life reliability. WM FX panels are glass free and made with high quality ETFE Polymer and mono crystalline solar cells. Due to very light weight, it's much easier tfi ox on roof without any heavy load.



CHARACTERISTICS CURVES



CERTIFICATIONS and WARRANTY

* Certifications	IEC-61215 (ed.2) IEC-61730-2 (ed.1), IEC 61730-1 (ed.1)
Fire Safety Class	Class C
Material & Workmanship Warranty	2 Years**
Power Output Warranty for stationary application	5 Years**

For non Stationary application power output Warranty should be 5 Years

ELECTRICAL PROPERTIES (STC*)

Model Number	WM-100-FX	WM-105-FX	WM-120-FX
Cell Type	MONO	MONO	PERC
Rated Power (Pmax) (Watt)	100	105	120
Number in Series (Numbers)	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) (Amp)	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		
Maximum Series Fuse Rating (Amp)	15		
Operating Temperature	-40° C to 85° C		

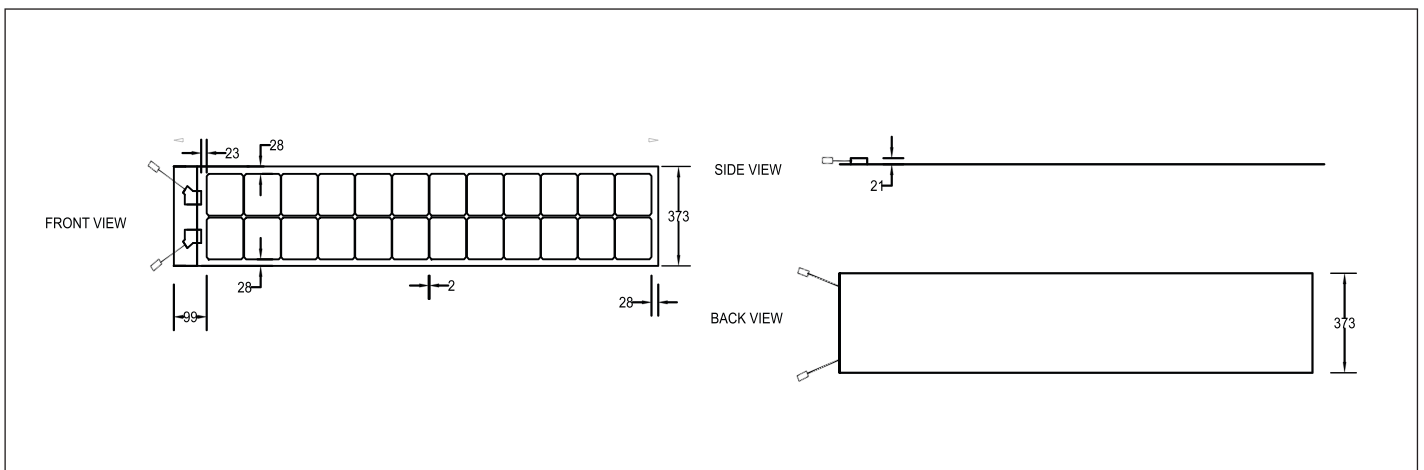
MECHANICAL PROPERTIES

Solar cells per Module / Arrangement	24 (2 x 12)
Cell Dimensions	158.75 x 158.75 (mm)
Cell Type	Mono-crystalline
Module Dimensions (L x W x H)	2030 X 367 x 21 (mm)
Weight	3.5±0.5 KG
Junction Box	IP67 with 2 bypass diode
Connector Type	Mc4 Compatible
Superstrate type (e.g. – strengthened glass, tempered glass etc)	ETFE Polymer

TEMPERATURE COEFFICIENT

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

MODULES DIMENSIONS



Eutectic Car Ltd. is the flagship company of ATC, and has the country's largest Solar PV Module manufacturing capacity of 1.5GW. In addition, it is one of the leading players in Europe in EPC services, project development, rooftop solutions, solar water pumps, and as an Independent Power Producer. Eutectic Car has its presence in over 250+ locations nationally and 68 countries globally.