

WFLW-420

FLW MONO PERC



Ultra Light Weight



Higher Open Circuit Voltage



Low Series Resistance



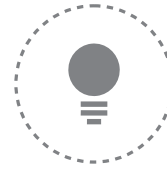
Easy & Quick to Install



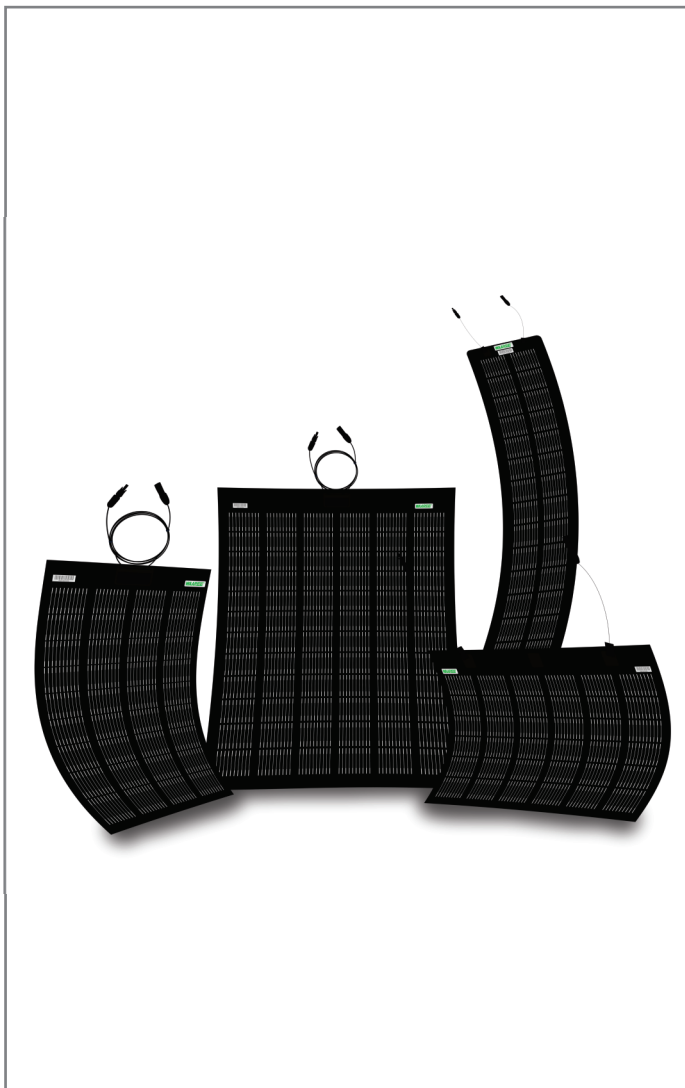
Easily Mounted with Number of Options



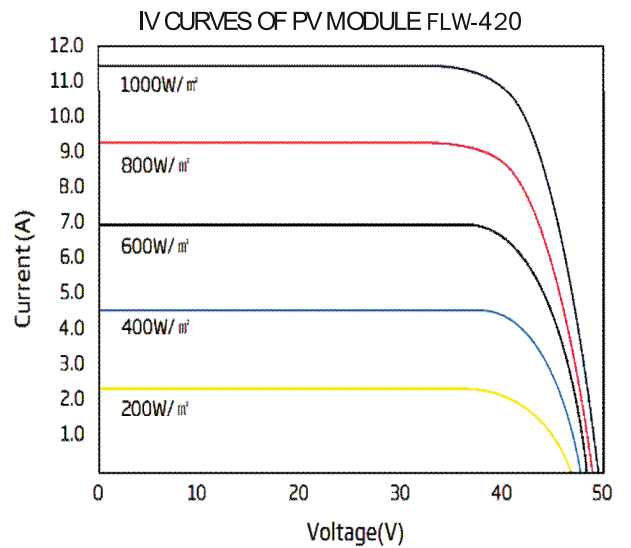
Low System Installation Cost



Superior Low Light & Low Sun Angle Performance



CHARACTERISTICS CURVES



CERTIFICATIONS AND WARRANTY

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

TkVoltage	-0.36%/k
Tkcurrent	+0.07%/k
TkPower	-0.38%/K

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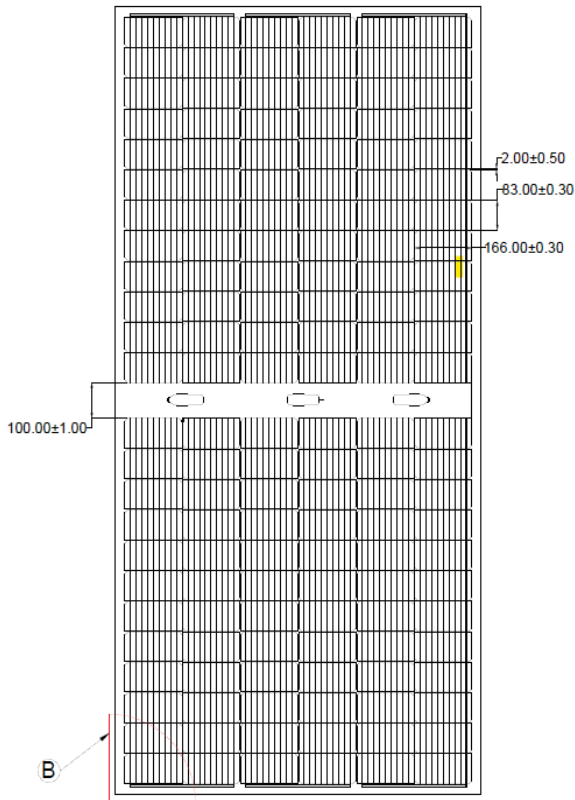
ELECTRICAL PROPERTIES (STC*)

Model Number	WFLW-420
Rated Power Pmax (Watt)	420
Number of Cell in Series (Nos.)	72
Open Circuit Voltage (Volts)	48.96
Max Peak Voltage Vmp (Volts)	42.55
Max Peak Current Imp (Amps)	9.86
Short Circuit Current Isc (Amps)	10.5
FF (%)	81.6%
Active Area Efficiency (%)	21.1%
Max System Voltage Vdc (Volts)	600
Power Tolerance	±3%
Max Series Fuse Rating (Amps)	20
Operating Temperature	-40°C to +85°C

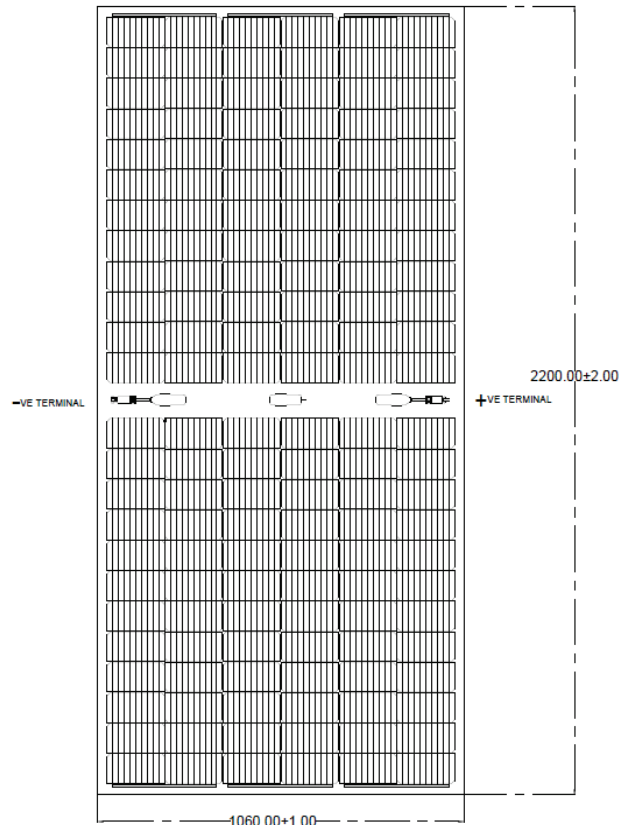
MECHANICAL PROPERTIES

Cell Type	Mono Perc M-6
Solar Cells Arrangement (Nos)	12X6 II 12X6
Cell Dimensions	83X166 mm HC
Module Dimension (L x W)	2200 X 1060 mm
Weight	10.5±0.5 KG
Junction Box IP Rating	IP67 Type
Connector Type	MC4
Superstrate type	ETFE Polymer
Junction Box	Front Side
Laminate Thickness	3
Module Thickness	20
Colour Type	Black or White
Adhesive	Rear side

MODULES DIMENSIONS



FRONT VIEW



BACK VIEW