

WFLW – 520W

FLW MONO PERC



Ultra
Light Weight



Higher Open
Circuit Voltage



Low Series
Resistance



Easy & Quick to
Install



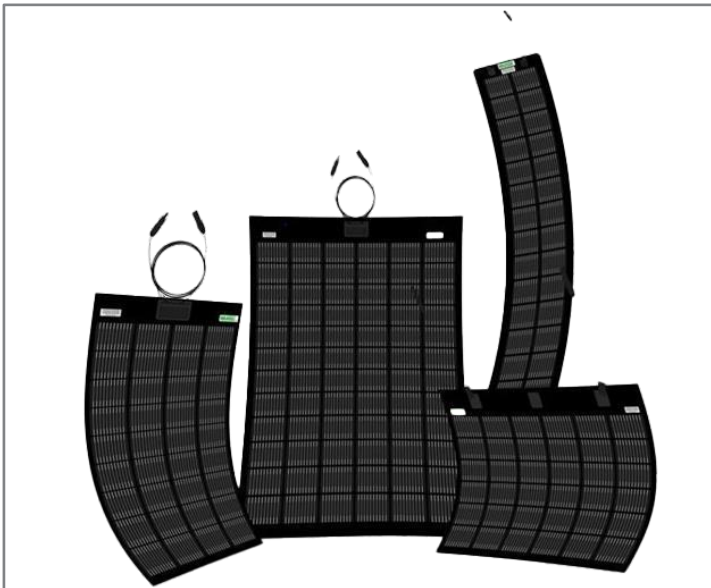
Easily Mounted
with Number of
Options



Low System
Installation Cost



Superior Low Light &
Low Sun Angle
Performance



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

ELECTRICAL PROPERTIES (STC*)

3

Model Number	WFLW- 520
Rated Power Pmax (Watt)	520
Number of Cells in Series (Nos.)	144
Open Circuit Voltage (Volts)	49.68
Max Peak Voltage Vmp (Volts)	41.90
Max Peak Current Imp (Amps)	12.42
Short Circuit Current Isc (Amps)	13.04
FF(%)	80.00%
Active Area Efficiency (%)	21.80%
Max System Voltage Vdc (Volts)	1000
Power Tolerance	±3%
Max Series Fuse Rating (Amps)	20
Operating Temperature	-40°C to +85°C

MECHANICAL PROPERTIES

Cell Type	Mono Perc M-10 Topcon
Solar cells Arrangement (Nos)	12x6 12x6
Cells Dimensions (mm)	91x182 HC
Module Dimensions (mm)	2246 * 1190
Weight (Kg)	9.5 ± 0.5
Junction Box IP Rating	IP68 With 3 bypass diode
Connector Type	MC4
Superstrate Type	ETFE Polymer
Junction Box	Front Side
Laminate Thickness (mm)	3 ± 0.3
Module Thickness (mm)	20
Colour Type	Black or White
Adhesive	Rear side