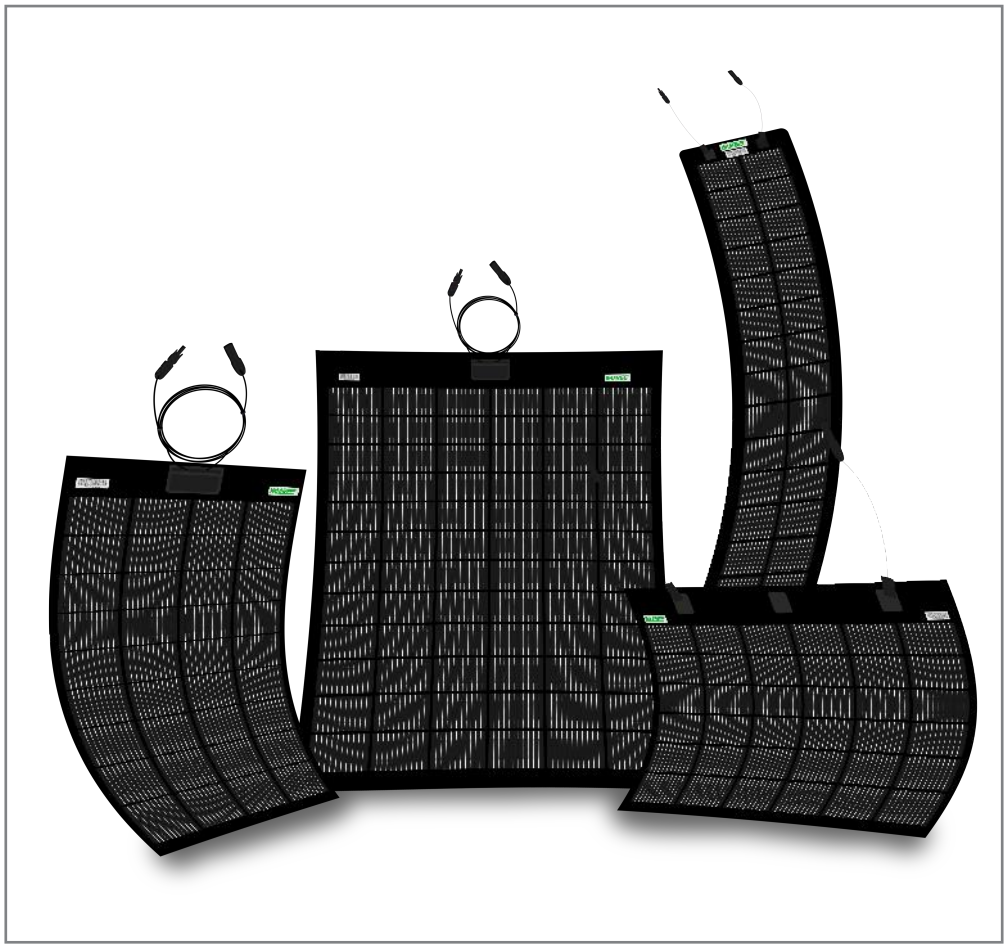
WFLW - 55W

FLW MONO PERC

WAAREE®
One *with the* Sun

- 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

WFLW - 55W
FLW MONO PERC

WAAREE
One *with the* Sun

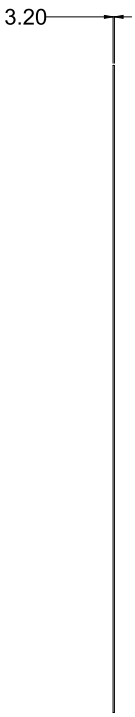
ELECTRICAL PROPERTIES (STC*)

Model Number	WFLW-55
Rated Power Pmax (Watt)	55
Number of Cell in Series (Nos.)	32
Open Circuit Voltage (Volts)	22.08
Max Peak Voltage Vmp (Volts)	18.88
Max Peak Current Imp (Amps)	2.95
Short Circuit Current Isc (Amps)	3.09
FF (%)	81.63%
Active Area Efficiency (%)	21.1%
Max System Voltage Vdc (Volts)	1000
Power Tolerance	±3%
Max Series Fuse Rating (Amps)	20
Operating Temperature	-40°C to +85°C

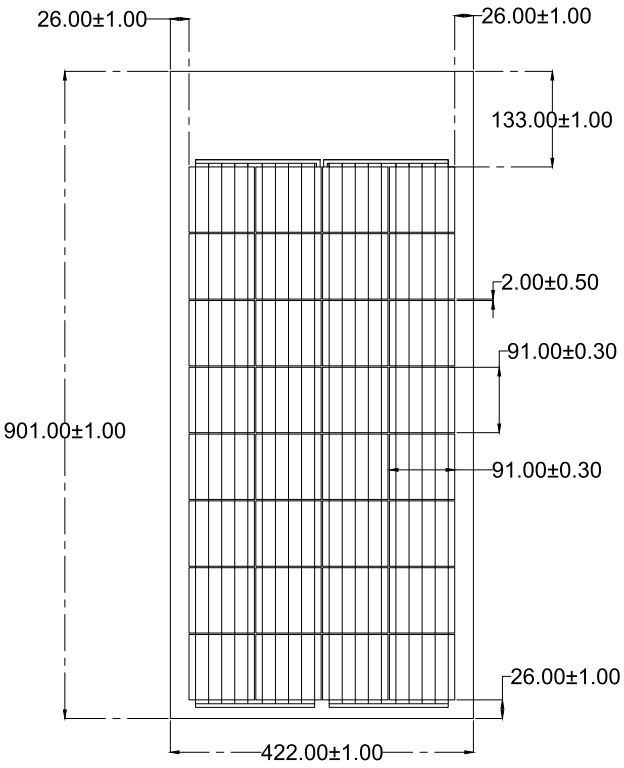
MECHANICAL PROPERTIES

Cell Type	Mono Perc M-10
Solar Cells Arrangement (Nos)	8 X 4
Cell Dimensions	91 X 91 mm
Module Dimension (L x W)	901 X 422 mm
Weight	1.3±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
Installation Method	4 Grommet hole

MODULES DIMENSIONS



SIDE VIEW



FRONT VIEW