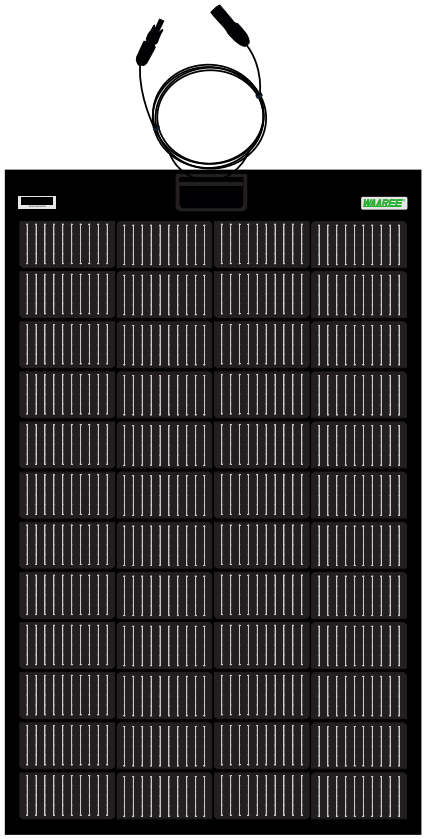
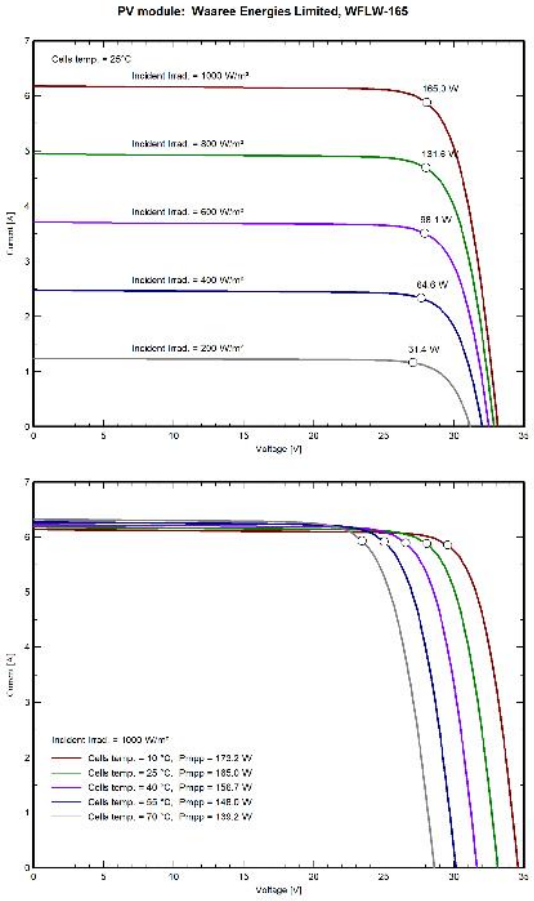
WFLW-165
FLW MONO PERC

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



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

WFLW-165
FLW MONO PERC

WAAREE
One *with the* Sun

ELECTRICAL PROPERTIES (STC*)

Model Number	WFLW-165
Rated Power Pmax (Watt)	167
Number of Cells in Series (Nos.)	48
Open Circuit Voltage Voc (Volts)	33.12
Max Peak Voltage Vmp (Volts)	28.32
Max Peak Current Imp (Amps)	5.90
Short Circuit Current Isc (Amps)	6.18
FF(%)	81.63%
Active Area Efficiency (%)	21.02%
Module Efficiency (%)	17.14%
Power Tolerance	±3%
Max Series Fuse Rating (Amps)	20
Operating Temperature	-40°C to +85°C

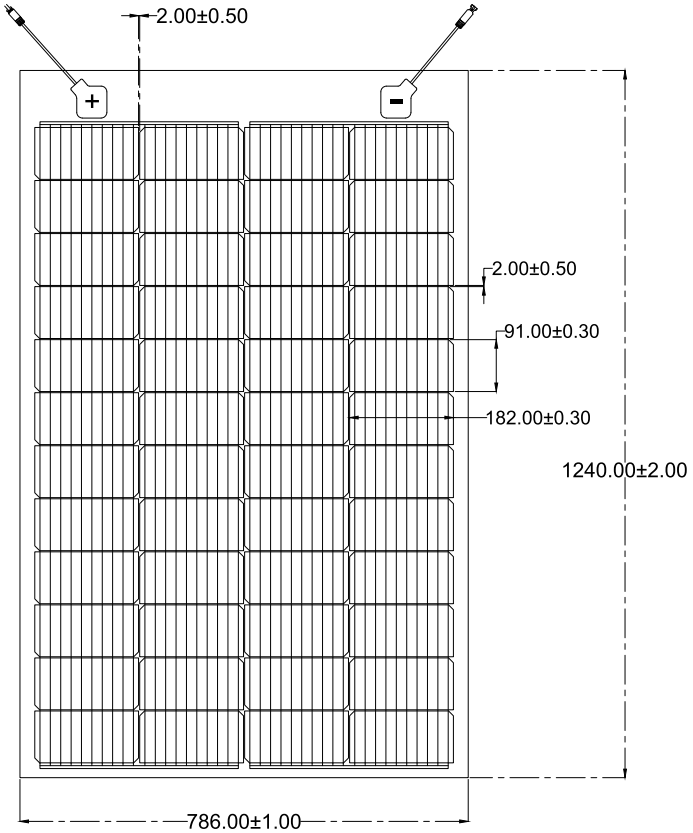
MECHANICAL PROPERTIES

Solar cells Arrangement	12X4
Solar Cells	M10 Mono Perc
Panel length (mm)	1240
Panel width(mm)	786
Panel Weight (Kg)	5.0±0.5
Cell Size (mm)	91X182 HC
Max System Voltage Vdc (Volts)	1000
Junction Box Rating	IP67
Connector Type	MC4
Superstrate Type	ETFE Polymer
Junction Box	Front Side
Laminate Thickness (mm)	3.2
Module thickness with Jbox (mm)	22

MODULES DIMENSIONS



SIDE VIEW



FRONT VIEW