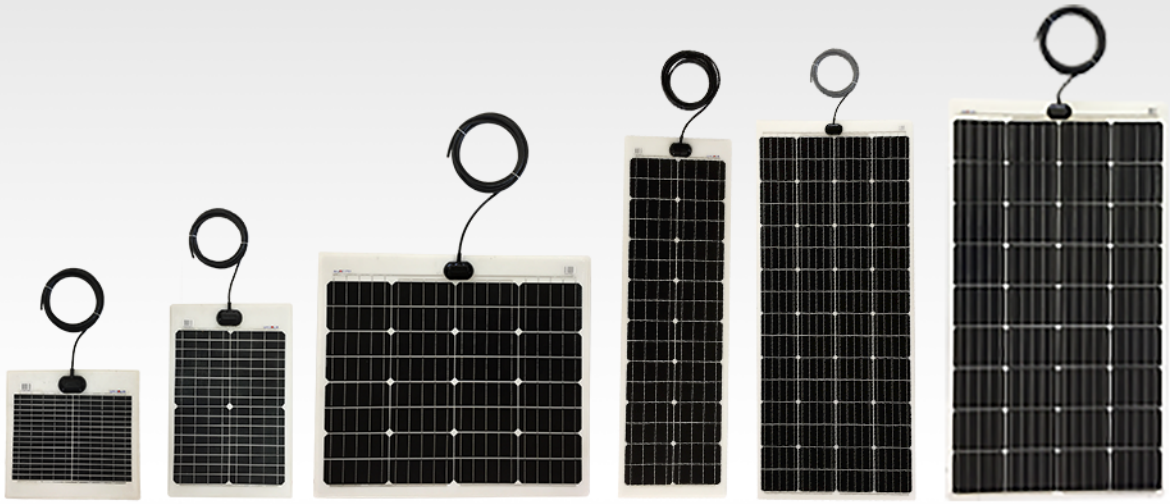
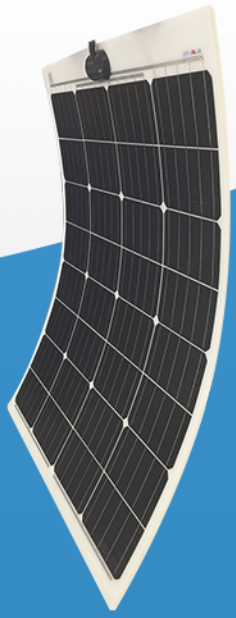
UPV SOLAR

SEMI FLEXIBLE SOLAR MODULES

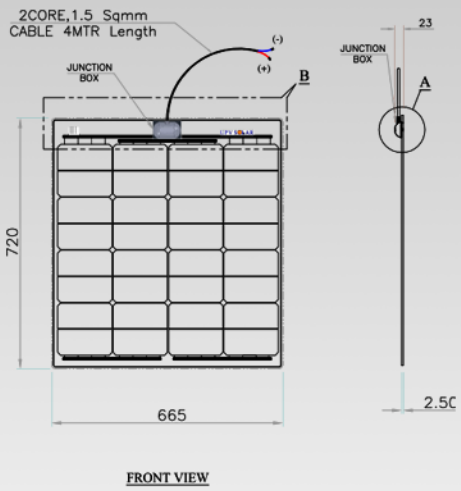
The semi flexible solar module is light weight and flexible to fit the smooth curve of the roof. The top film is fluoro ethylene derivative that offers solar glass like transmissivity with reliable performance and life in outdoor weather conditions. Modules is constructed with multi layers materials offering semi flexibility and reliable encapsulation of the solar cells.





- High Efficiency Monocrystalline Cells.
- Ultra-Thin & Light weight.
- Outstanding electrical performance in higher temperature and low irradiation.
- Rear Surface Suitable for pasting on the rooffor easy fixing on boats, yachts, RVs and camper van, etc.,
- Rigid, Waterproof Junction Box.
- High performance Fluro Ethylene Top Film.

U6M SF 80W



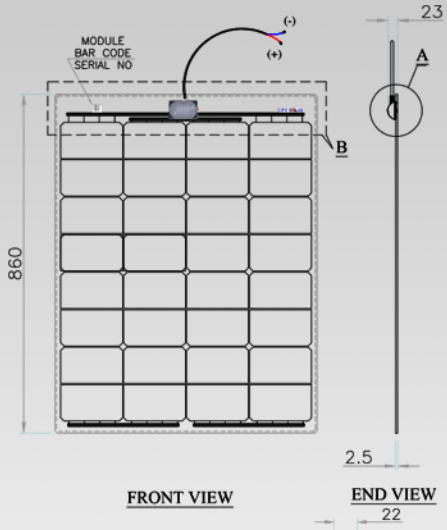
FRONT VIEW

Maximum power rating	Pmax	80	W
Tolarance on power output		+/-6	%
Current at max power	Imax	4.41	A
Voltage at max power	Vmax	18.18	V
Short circuit current	Isc	4.67	A
Open circuit voltage	Voc	21.44	V
No. of cells	Nos	32	
Weight	Kg~	2.35	

Temperature Coefficients
Isc : +0.047%/^{0}C, Voc : -0.323%/^{0}C , FF : -0.117%/^{0}C.

STC
Intensity 1000W/M^2
Module Temperature 25^{0}C
Spectrum AM = 1.5

U6M SF 100W



FRONT VIEW

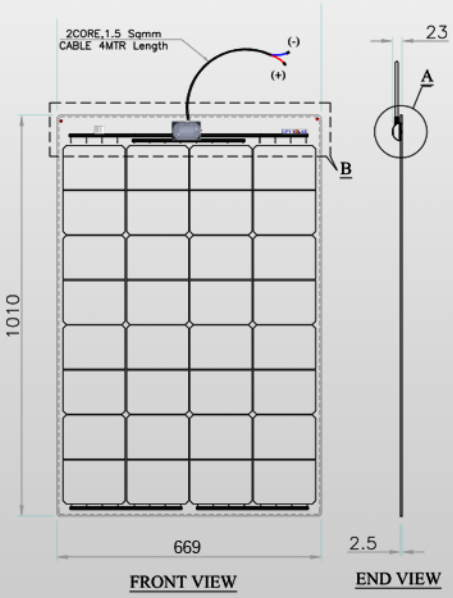
END VIEW

Maximum power rating	Pmax	100	W
Tolarance on power output		+/-3	%
Current at max power	Imax	5.51	A
Voltage at max power	Vmax	18.18	V
Short circuit current	Isc	5.84	A
Open circuit voltage	Voc	21.44	V
No. of cells	Nos	32	
Weight	Kg~	2.85	

Temperature Coefficients
Isc : +0.047%/^{0}C, Voc : -0.323%/^{0}C , FF : -0.117%/^{0}C.

STC
Intensity 1000W/M^2
Module Temperature 25^{0}C
Spectrum AM = 1.5

U6M SF 120W



FRONT VIEW

END VIEW

Maximum power rating	Pmax	120	W
Tolarance on power output		+/-6	%
Current at max power	Imax	6.60	A
Voltage at max power	Vmax	18.18	V
Short circuit current	Isc	7.0	A
Open circuit voltage	Voc	21.44	V
No. of cells	Nos	32	
Weight	Kg~	3.30	

Temperature Coefficients
Isc : +0.047%/^{0}C, Voc : -0.323%/^{0}C , FF : -0.117%/^{0}C.

STC
Intensity 1000W/M^2
Module Temperature 25^{0}C
Spectrum AM = 1.5

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