

UFLEX 120PM



Module characteristics

- .Power full and stable: produced according to **UFLEX**'s strict quality requirements
- .Module efficiency of up to 14.32%
- .5 years product and workmanship warranty
- .10 years performance warranty on 90%, 25 years on 80% of initial output

- .TUV certified quality
- .Robust 34mm cavity frame (screwless)
- .Maximum surface load to 5400 Pa*
- .Delivery of positive tolerance modules only
- .Completely recyclable

Electrical data - typical (STC*)

Capacity rating WP	Pmax	120
Power Tolerance in	%	+/- 3
Module efficiency	%	14.32
Rated voltage in V	Vpm	17.7
Rated current in A	Ipm	6.78
Open circuit voltage in V	Voc	21.5
Short circuit current in A	Isc	7.40

Mechanical specification

Solar cells	36 pcs polycrystalline Silicon Cells 3BB
Cell encapsulation	Highly transparent EVA (Ethylene-Vinyl-Acetate)
Backside	Highly reflective UV protected backsheet
Frame	Anodised aluminium cavity frame (screwless)
Front glass	Low Iron tempered Solar glass

Temperature coefficients (TC)

Tc of open circuit voltage	Voc	-0.35% /°C
Tc of open circuit current	Isc	0.06% /°C
Tc of power	Pmax	-0.45% /°C

Permissible operating conditions

Temperature range	-40°C to +85°C
Maximum system voltage	1000 V DC
Maximum surface load	Tested up to 5400 Pa according to IEC 61215*
Hail resistance	Maximum diameter of 25 mm with velocity 24 m/s*

Mechanical specification

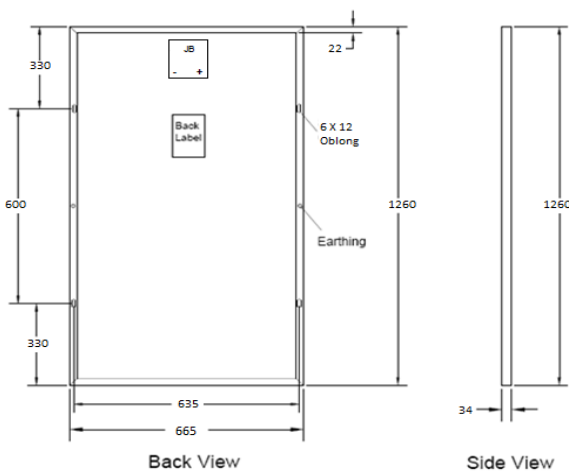
Dimensions (L x W x H)	1260mm X 665mm X 34 mm(Optional 30mm)
Weight	9.5 kgs
Junction box	IP 65 certified 3-rail, 2 diodes junction box
Cable	Optional

Guarantees and certifications

Product warranty	5 years
Performance guarantee	Guaranteed Output power 90% for 10 years and 80% for 25 years
Approvals and certificates	TUV : IEC 61215, IEC 61730, IEC 61701 (Salt mist test)
Electrical safety	Class II

*STC (Standard test conditions): Irradiation 1000 W/m², Temperature 25°C, AM 1.5 NOCT: 46 ± 2°C

Drawing measurement in mm



APPLICATIONS



"Manufactured in: ISO 9001: 2008 certified facility in India"

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Packing information

Module Quantity/Outer Box: 5, Outer Box Size : 1290 X 240 X 690 mm

Due to constant product modifications, **UFLEX** reserves the right to amend the above specifications without prior notice.

* - Terms and conditions apply.