

MICROMORPH-TF SOLAR MODULE



Tandem



Opaque



Semi-transparent

CHARACTERISTICS	AM125-TF (tandem)
Type of cells	Amorphous & Microcristalline Silicon
Maximum power (Wp)	125/135 Wp
Maximum power voltage (V)	74 V
Maximum power current (A)	2.14 A
Open circuit voltage (V)	94 V
Short circuit current (A)	2.30 A
Number of cells (Pcs)	99
Size of module (mm)	1300 x1100 x 6.8 mm
Weight per piece (Kg)	24 Kg
Maximum system voltage (V)	1000 VDC
Temperature coefficients of Isc (%)	0.07%/°C
Temperature coefficients of Voc (%)	-0.33%/°C
Temperature coefficients of Pm (%)	-0.27%/°C
Temperature coefficients of Im (%)	+0.08/°C
Temperature coefficients of Vm (%)	-0.34/°C
Temperature Range	-40°C~+85°C
Tolerance Wattage	+/-3%
Load Capacity	200kg/sq.m - 5400 Pa tested
Allowable Hail Load	steel ball fall down from 1m height
Junction box and cables	IP 67 bypass diode and 6/800 mm cables
Connectors	2 M+F (MC4 compatible) 4 mm cable
Output tolerance (%)	+/-2%
Frame (material and corners)	frameless
Float glass and PVB	toughened safety glass 3.2 mm
Standard Test Conditions	AM1.5 1000w/m ² 25°C
Product Warranty	10 years product warranty
Power Warranty	10 years at 90% and 25 years at 80%
Packaging	25 pcs/pallet
Products Certificates	UL - TUV - CE - PV Cycle
IEC Certificates	DIN EN 61215(ed.2) & 61730-1&2
Production Unit Certificates	ISO 9001/2000 & ISO 14001