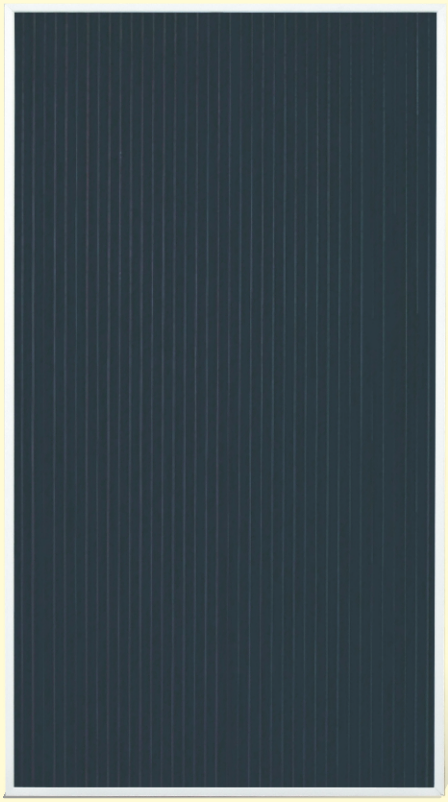
40W/45W/50W/55W/60W

SOLAR PHOTOVOLTAIC MODULE



PRODUCT WARRANTY

24 mouths workmanship
20yeas,output⩾80%

MODULE FEATURES

Dual Junction Technology -- ensures less power degradation after light soaking period.

Edge Isolation Technology -- better- protection from severe weather conditions.

Competitive Cost per kwh -- shorter payback period when utilized to solar projects.

Performance Ensured -- Amorphous modules works best when partially shaded. Its lower temperature co-efficiency gives it better performances undrt various weather conditions in the long term.

GENREAL DATA

Cell Type	Amorphous Silicon Solar Cell
Glass	Ultra White Glass, Thickness 3.2mm
Frame	Frame less or aluminum frame
Junction Box	TÜV Certified, MC4 Connector
Cable Length (mm)	⩾900

WORKING CONDITIONS

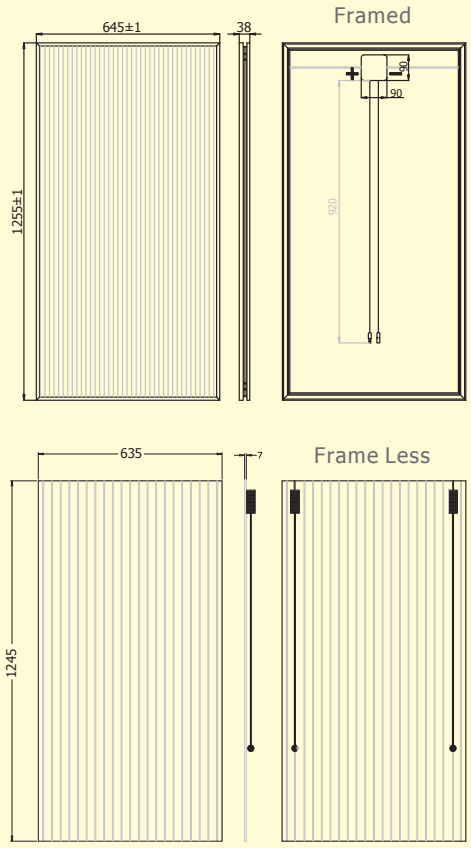
Maximum System Voltage	DC 600V
Maximum Series Fuse	4A
Static Loading	5400 Pa,(Advanced Test By IEC 61215)
NOCT(℃)	47+/-2
Operating Temprature(℃)	-48~85

MECHANICAL DATA AND PACKAGING

Weight(kg)	141
Dimensions(L X W X H)(mm)	1255X645X38
Cell Connections	20 in serial
No.of Diodes	None
Packing Configuration	20 PCS Per Carton
Loading Capacity	1080PCS/40FT

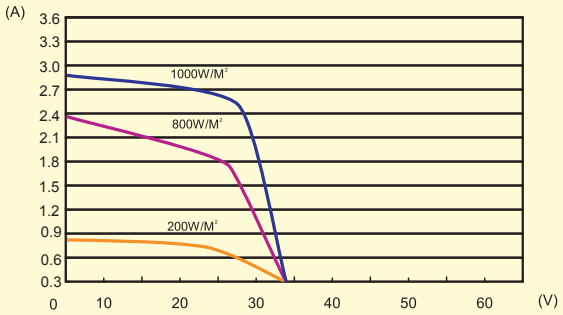
40W/45W/50W/55W/60W

SOLAR PHOTOVOLTAIC MODULE



I-V CURVE

I-V curve under different irradiation



SPECIFICATIONS

Maximum Power-Pmax(W)	40	45	50	55	60
Open Circuit Voltage-Voc(V)	33	33	33	33	33
Short Circuit Voltage-Isc(A)	2.2	2.42	2.64	2.75	2.86
Maximum Power Voltage-Vpm(V)	22	22.7	24.1	24.4	25.6
Maximum Power Current-Ipm(A)	1.8	1.98	2.07	2.25	2.34
Power Tolerance	+/-3%				
αIsc	0.09%/℃				
βVoc	-0.19%/℃				
γPm	-0.28%/℃				
VALUES @ STC (AM1.5,IRRADIANCE 1000W/m², CELL TEMPRATURE 25℃)					

CE RoHS UL LISTED IEC ISO