Product features:

Increase power generation

By using this R angle design, the photovoltaic voltage can be improved in the morning and evening without traditional frame shielding, which allows the inverter to be switched on in the morning and off in the evening, increasing power generation by 3%.

Strong resistance

With its U-shaped structure, the frameless high-strength solar PV module does not easily deform, is anti-typhoon hail resistant, and is easy to maintain.

Soundproofing

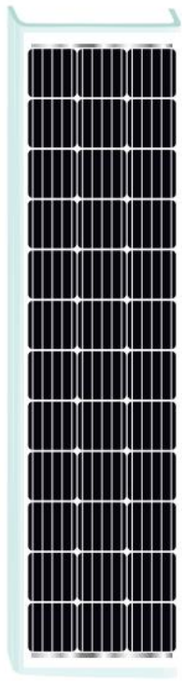
It increases the power generation efficiency of the photovoltaic system by over 5% with its soundproofing and U-tube natural convection cooling function.

Good wind resistance and snow load capacity

Solar panels are certified for wind loads of 2400Pa and snow loads of 5400Pa.

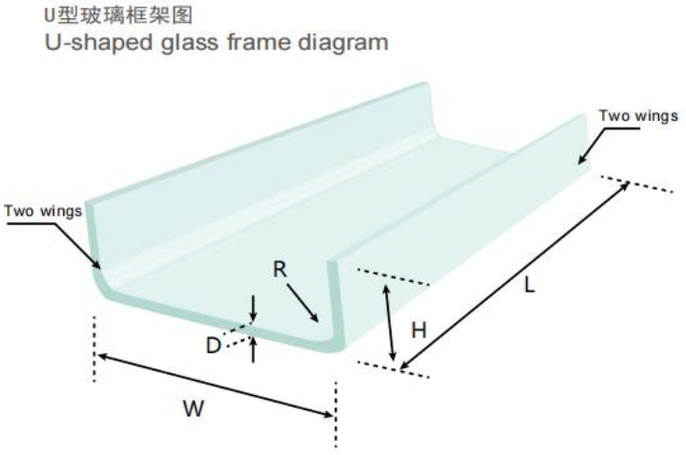
Good durability

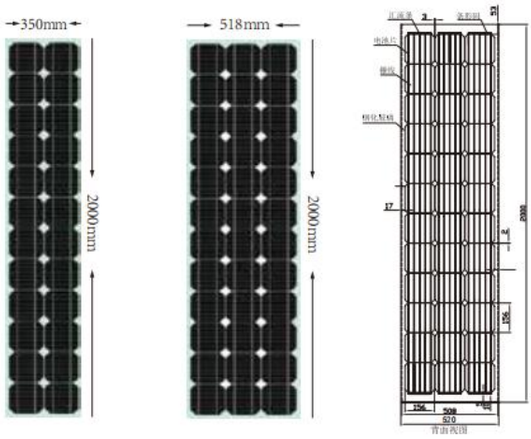
The components are tested and verified to resist salt mist, ammonia, and other corrosive gas erosion and PID risks.

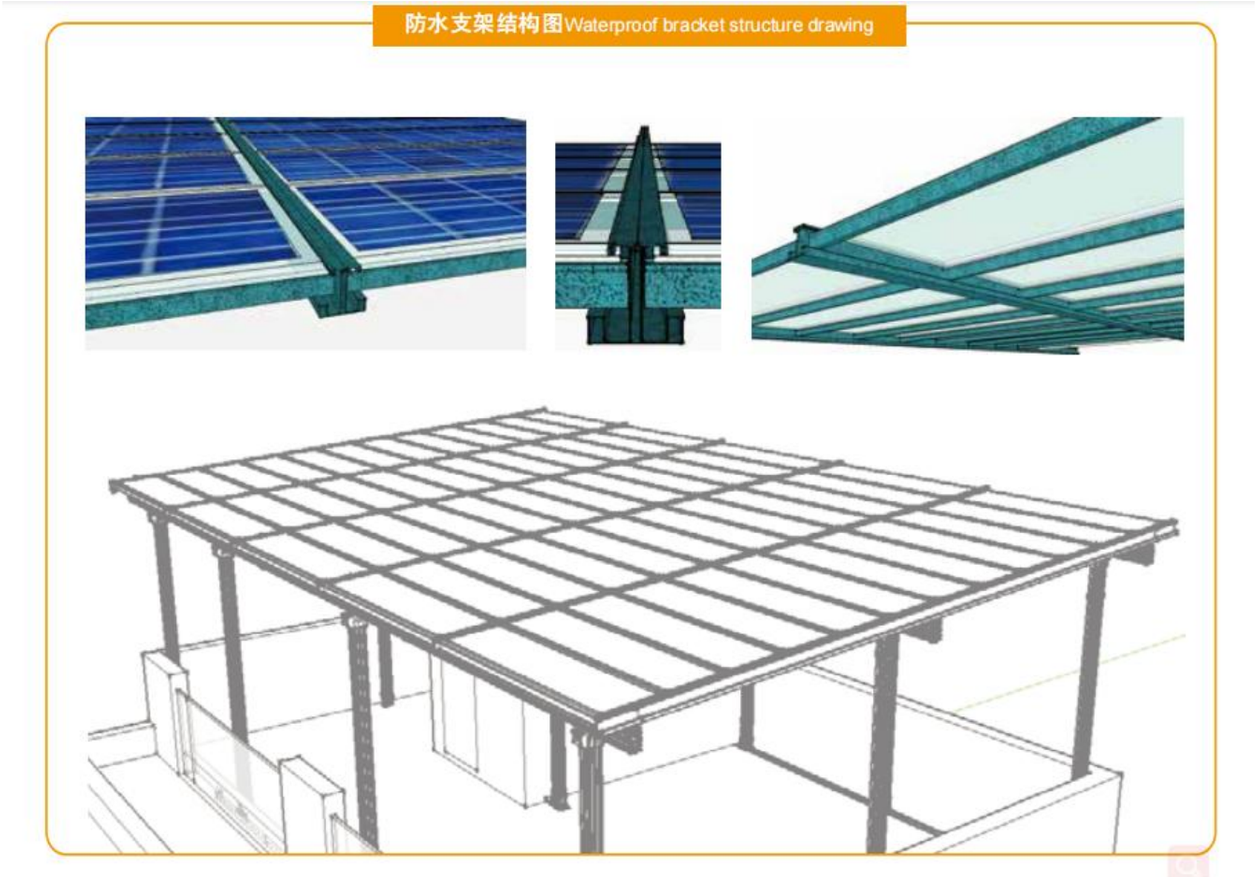


Supports can be selected according to individual needs, including c-section supports, hot-dip galvanized supports, stainless steel supports, aluminum alloy supports, and i-beam supports.

U-glass solar panel introduction

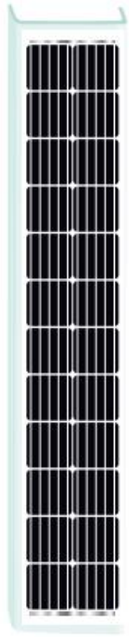




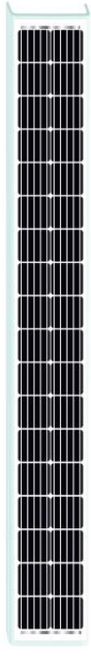


Specifications (M: monocrystal, P: polycrystal)

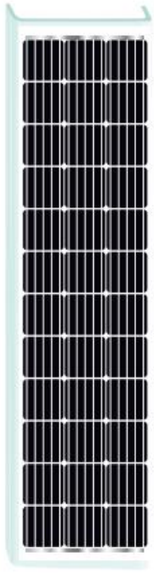
Module	FS-UBIPV-110-100W		
Pmax	110W	105W	100W
Size and number of cells	156*156mm, 24pcs/2*12		
Tolerance	±3%		
Vmp	12.6V	12.4V	12.2V
Imp	8.73A	8.47A	8.20A
Voc	15.35V	15.10V	14.86V
Isc	9.45A	9.17A	8.88A
Max.Syst.Oper.Voltage	1000V		
Diodes	1 by-pass		
Dimension	2000*350*50m		
Weight	10.35kg		
Operate Temp. Scope	-40/+85%		
Relative humidity	0 to 100%		
Resistances	227g steel ball falls down from 1m high and 60m/s wind speed		
Warranty	10 years, Pm≥90% in 10years, Pm≥80% in 25year.		
STC	Irradiance 1000W/㎡, module temperature 25℃, AM=1.5		



Module	FS-UBIPV-150-140W		
Pmax	150W	145W	140W
Size and number of cells	156*156mm, 32pcs/2*16		
Tolerance	±3%		
Vmp	16.4V	16.3V	16.1V
Imp	9.15A	8.90A	8.70A
Voc	19.98V	19.85V	19.61V
Isc	9.91A	9.63A	9.42A
Max.Syst.Oper.Voltage	1000V		
Diodes	1 by-pass		
Dimension	2660*350*50m		
Weight	13.5kgs		
Operate Temp. Scope	-40/+85%		
Relative humidity	0 to 100%		
Resistances	227g steel ball falls down from 1m high and 60m/s wind speed		
Warranty	10 years, Pm≥90% in 10years, Pm≥80% in 25year.		
STC	Irradiance 1000W/㎡, module temperature 25℃, AM=1.5		



Module	FS-UBIPV-170-150W		
Pmax	170W	160W	150W
Size and number of cells	156*156mm, 36pcs/3*12		
Tolerance	±3%		
Vmp	18.8V	18.5V	18.3V
Imp	9.04A	8.65A	8.20A
Voc	22.9V	22.53V	22.29V
Isc	9.79A	9.37A	8.88A
Max.Syst.Oper.Voltage	1000V		
Diodes	1 by-pass		
Dimension	2000*518*53m		
Weight	15kgs		
Operate Temp. Scope	-40/+85%		
Relative humidity	0 to 100%		
Resistances	227g steel ball falls down from 1m high and 60m/s wind speed		
Warranty	10 years, Pm≥90% in 10years, Pm≥80% in 25year.		
STC	Irradiance 1000W/㎡, module temperature 25℃, AM=1.5		



Module	FS-UBIPV-170-160W		
Pmax	170W	165W	160W
Size and number of cells	156*156mm, 32pcs/2*18		
Tolerance	±3%		
Vmp	18.8V	18.5V	18.3V
Imp	9.04A	8.92A	8.74A
Voc	22.9V	22.53V	22.29V
Isc	9.79A	9.66A	9.47A
Max.Syst.Oper.Voltage	1000V		
Diodes	1 by-pass		
Dimension	3000*350*50m		
Weight	15.35kgs		
Operate Temp. Scope	-40/+85%		
Relative humidity	0 to 100%		
Resistances	227g steel ball falls down from 1m high and 60m/s wind speed		
Warranty	10 years, Pm≥90% in 10years, Pm≥80% in 25year.		
STC	Irradiance 1000W/㎡, module temperature 25℃, AM=1.5