

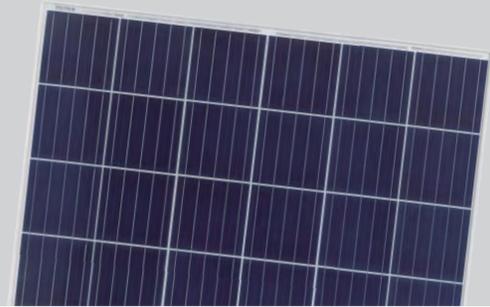
SL72-157PF
320-340 W

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2015 certified factory
IEC61215, IEC61730 certified products

(5BB) PERC



KEY FEATURES



System Voltage:

The maximum voltage is promoted to 1500V and the module strings are extended by 50% which reduces the overall system BOS.



5 Busbar Solar Cell:

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Efficiency:

Higher module conversion efficiency (up to 17.52%) .



PID RESISTANT:

Mass-produced modules pass PID test (85 C /85% RH, 96H), limited power degradation by PID test is guaranteed for mass production.



Low-light Performance:

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



Severe Weather Resilience:

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV SUD.



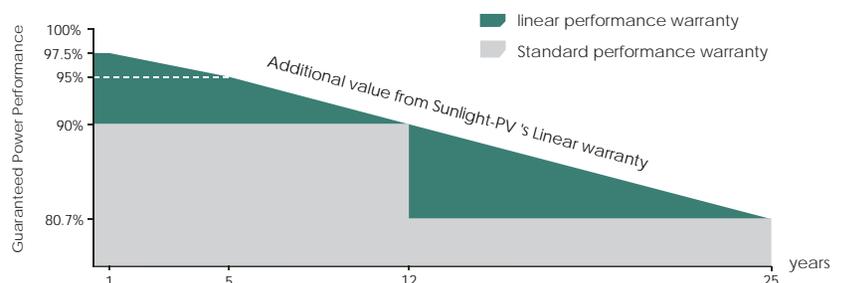
CLIMATE DURABILITY

Better temperature coefficients result in less power attenuation of components at high temperatures.



LINEAR PERFORMANCE WARRANTY

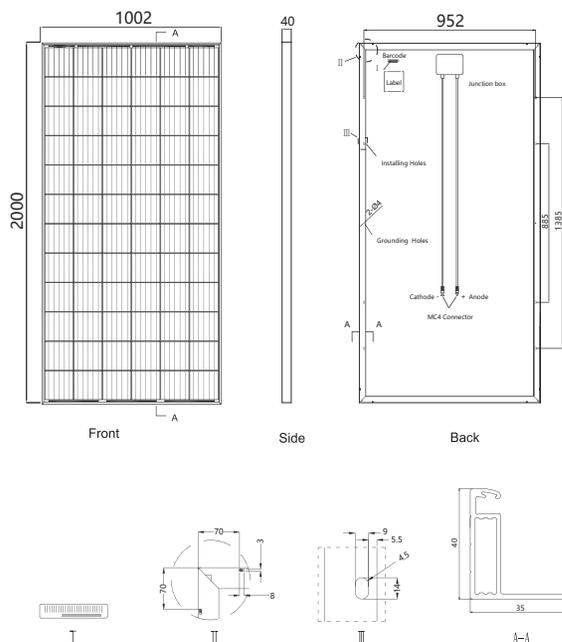
12 Year Product Warranty 25 Year Linear Power Warranty



Product Certification



Engineering Drawings



Packaging Configuration

Vehicle type	40HQ
Quantity of each support	26
Number of supports per vehicle	24
Number of modules per vehicle	624

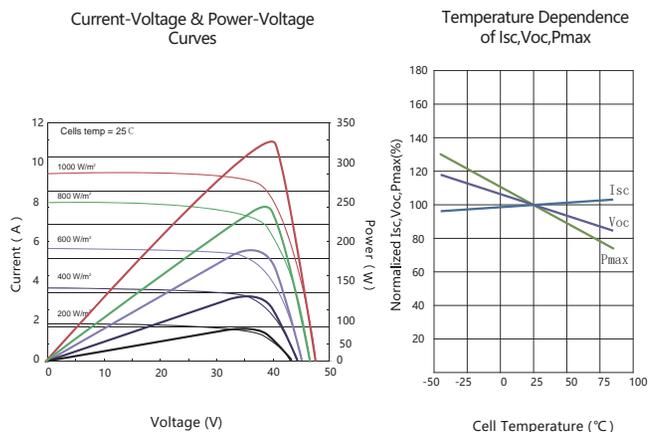
SPECIFICATIONS

Module Type	SL72-157PF-320W		SL72-157PF-325W		SL72-157PF-330W		SL72-157PF-335W		SL72-157PF-340W	
	STC	NOCT								
Maximum Power (Pmax)	320Wp	237Wp	325Wp	241Wp	330Wp	245Wp	335Wp	249Wp	340Wp	253Wp
Maximum Power Voltage (Vmp)	37.4V	34.7V	37.6V	35.0V	37.8V	35.3V	38.0V	35.6V	38.2V	35.9V
Maximum Power Current (Imp)	8.56A	6.83A	8.66A	6.89A	8.74A	6.94A	8.82A	6.99A	8.90A	7.05A
Open-circuit Voltage (Voc)	46.4V	43.0V	46.7V	43.3V	46.9V	43.6V	47.2V	43.8V	47.5V	44.0V
Short-circuit Current (Isc)	9.05A	7.35A	9.10A	7.40A	9.14A	7.45A	9.18A	7.52A	9.22A	7.98A
Module Efficiency STC (%)	16.49%		16.75%		17.01%		17.26%		17.52%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum system voltage	1500VDC									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.40%/°C									
Temperature coefficients of Voc	-0.30%/°C									
Temperature coefficients of Isc	0.06%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

STC: Irradiance 1000W/m Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline	157×157mm
No. of cells	72 (12×6)	
Dimensions	2000×1002×40mm (77.01×39.06×1.57 inch)	
Weight	26.5kg (58.4 lbs)	
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass	
Frame	Anodized Aluminium Alloy	
Junction Box	IP67/IP68 Rated	
Output Cables	TÜV 4.0mm² Wire, MC4 Contact	