

SL60-156PF
260-280W

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 17.11%).



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).



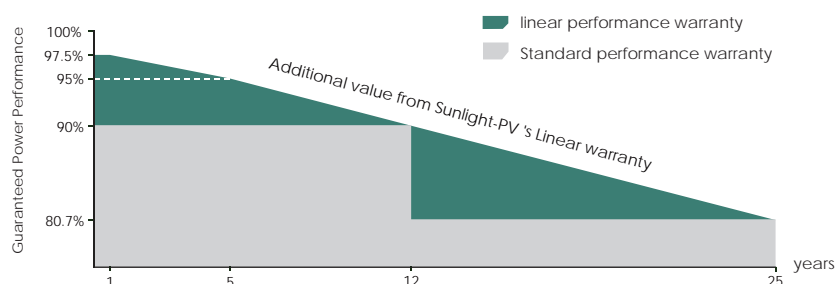
Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV SUD.



LINEAR PERFORMANCE WARRANTY

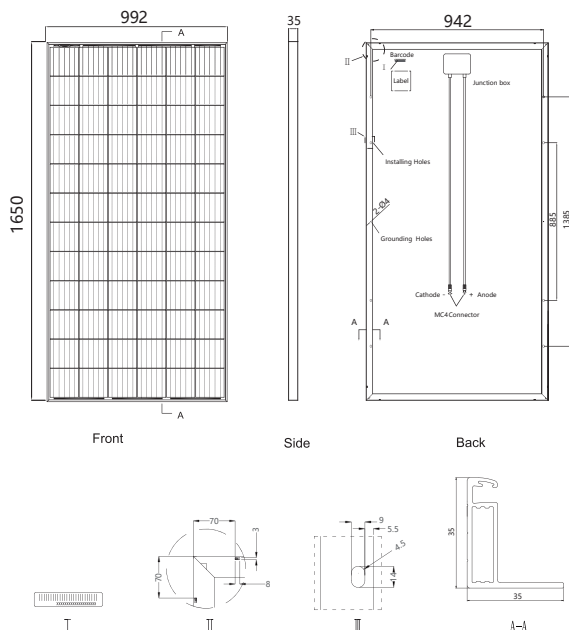
12 Year Product Warranty 25 Year Linear Power Warranty



Product Certification



Engineering Drawings



Packaging Configuration

Vehicle type	40HQ
Quantity of each support	30
Number of supports per vehicle	26
Number of modules per vehicle	780

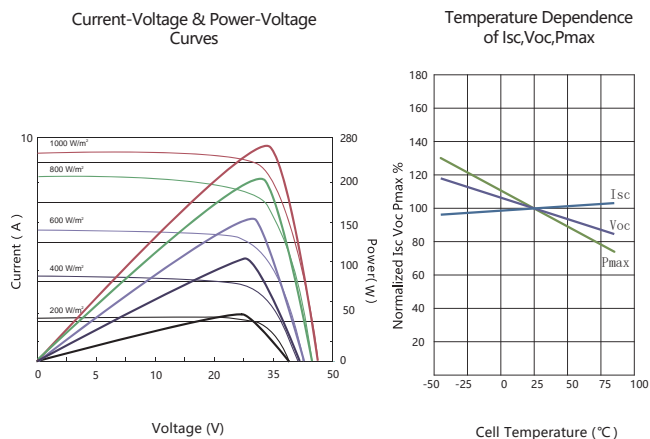
SPECIFICATIONS

Module Type	SL60-156PF-260 W		SL60-156PF-265 W		SL60-156PF-270 W		SL60-156PF-275 W		SL60-156PF-280 W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	260Wp	193Wp	265Wp	197Wp	270Wp	200Wp	275Wp	204Wp	280Wp	208Wp
Maximum Power Voltage (Vmp)	31.1V	28.7V	31.4V	29.0V	31.7V	29.4V	32.0V	29.8V	32.3V	30.1V
Maximum Power Current (Imp)	8.37A	6.71A	8.44A	6.78A	8.52A	6.80A	8.61A	6.85A	8.69A	6.91A
Open-circuit Voltage (Voc)	38.1V	35.2V	38.6V	35.3V	38.8V	35.4V	39.1V	35.4V	39.4V	35.6V
Short-circuit Current (Isc)	8.98A	7.31A	9.03A	7.36A	9.09A	7.38A	9.15A	7.44A	9.20A	7.99A
Module Efficiency STC (%)	15.88%		16.19%		16.50%		16.80%		17.11%	
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	156.75×156.75mm
No. of cells	60 (10×6)	
Dimensions	1650×992×35mm (64.96×39.05×1.37 inch)	
Weight	19.0kg (41.9 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	