



SpolarPV
Easy Invest, More Returns

SPP6-60

270-295 Watt

POLY CRYSTALLINE MODULE

- SP270P6-60
- SP275P6-60
- SP280P6-60
- SP285P6-60
- SP290P6-60
- SP295P6-60



18.02%
Module efficiency

12
years

Product warranty

295 W
Highest power output

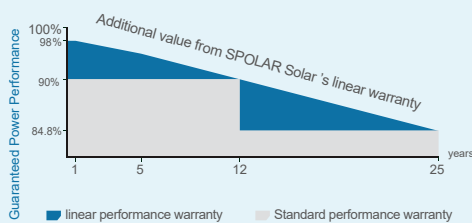
25
years

Linear power warranty

0 ~ +5W
Positive power tolerance

Key Features

Linear Performance Warranty



High Efficiency

Higher module conversion efficiency benefit from Passivated Emitter Rear Contact (PERC) technology.



PID Resistant

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance

Advanced glass and cell surface texture design ensure excellent performance in low light environment.



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.



ISO9001:2016 ISO14001:2016
OHSAS18001:2011 certified factory.
IEC61215 IEC61730 certified products.



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Electrical Characteristics at Standard Test Conditions (STC)

Module Type	SP270P6-60	SP275P6-60	SP280P6-60	SP285P6-60	SP290P6-60	SP295P6-60
Maximum Power -Pmax (W)	270	275	280	285	290	295
Maximum Power Voltage - Vmp (V)	30.72	30.94	31.19	31.43	31.70	31.94
Maximum Power Current - Imp (A)	8.79	8.89	8.98	9.07	9.15	9.23
Open-circuit Voltage - Voc (V)	37.92	38.18	38.43	38.69	38.95	39.21
Short-circuit Current - Isc (A)	9.28	9.36	9.44	9.53	9.62	9.71
Module Efficiency STC (%)	16.50%	16.80%	17.11%	17.41%	17.72%	18.02%

Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SP270P6-60	SP275P6-60	SP280P6-60	SP285P6-60	SP290P6-60	SP295P6-60
Maximum Power -Pmax (W)	200	204	208	212	216	220
Maximum Power Voltage - Vmp (V)	29.29	29.48	29.69	29.88	30.09	30.29
Maximum Power Current - Imp (A)	6.83	6.92	7.01	7.10	7.18	7.26
Open-circuit Voltage - Voc (V)	36.25	36.56	36.85	37.05	37.26	37.46
Short-circuit Current - Isc (A)	7.31	7.40	7.48	7.56	7.64	7.72
Power tolerance	0~+5W		Operating Temperature(°C)		-40 C ~+85 C	
Temperature coefficients of Pmax	-0.38%/C		Maximum system voltage		1000/1500V	
Temperature coefficients of Voc	-0.33%/C		Maximum series fuse rating		20A	
Temperature coefficients of Isc	0.05%/C		Nominal operating cell temperature		45±2 C	

Mechanical Characteristics

Cell Type	Poly-crystalline 156.75×156.75 mm
No.of cells	60 (6×10)
Dimensions	1650×992×35mm
Weight	17.50 kg
Front Glass	3.2mm, High Transmission,Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	1×4.0mm ² , Length:900mm or Customized Length
Packaging Configuration	68pcs/stack , 950pcs/40'HQContainer (Two pallets=One stack)

Dimensions

