

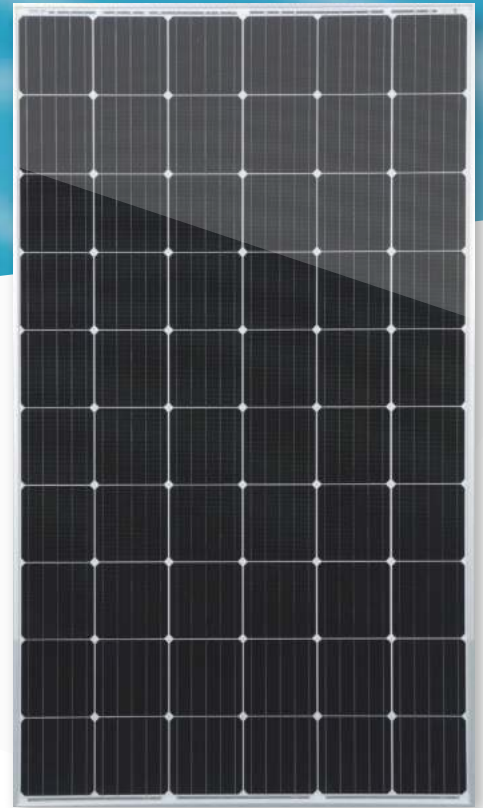


SpolarPV
Easy Invest, More Returns

SPM6-60 290-320 Watt

MONO CRYSTALLINE MODULE

- SP290M6-60
- SP295M6-60
- SP300M6-60
- SP305M6-60
- SP310M6-60
- SP315M6-60
- SP320M6-60



19.55%
Module efficiency

12
years

Product warranty

320 W
Highest power output

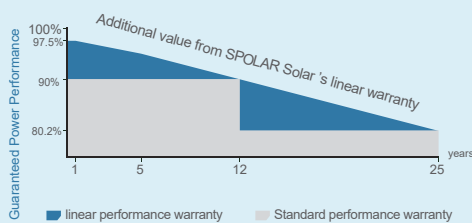
25
years

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	SP290M6-60	SP295M6-60	SP300M6-60	SP305M6-60	SP310M6-60	SP315M6-60	SP320M6-60
Maximum Power -Pmax (W)	290	295	300	305	310	315	320
Maximum Power Voltage - Vmp (V)	32.2	32.4	32.95	33.23	33.52	33.8	34.08
Maximum Power Current - Imp (A)	9.02	9.10	9.11	9.18	9.25	9.32	9.39
Open-circuit Voltage - Voc (V)	39.5	39.7	39.88	40.16	40.44	40.72	41.0
Short-circuit Current - Isc (A)	9.55	9.61	9.60	9.68	9.76	9.84	9.91
Module Efficiency STC (%)	17.72%	18.02%	18.33%	18.63%	18.94%	19.24%	19.55%

Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SP290M6-60	SP295M6-60	SP300M6-60	SP305M6-60	SP310M6-60	SP315M6-60	SP320M6-60
Maximum Power -Pmax (W)	216	220	222	226	230	234	239
Maximum Power Voltage - Vmp (V)	30.2	30.4	30.34	30.6	30.87	31.16	31.73
Maximum Power Current - Imp (A)	7.15	7.24	7.33	7.39	7.45	7.50	7.52
Open-circuit Voltage - Voc (V)	36.6	36.8	37.62	37.88	38.15	38.41	38.84
Short-circuit Current - Isc (A)	7.81	7.89	7.75	7.82	7.88	7.95	8.00
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	Mono-crystalline PERC 156.75×156.75mm
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	30pcs/pallet, 60-65pcs/stack, 840-910pcs/40'HQ Container (Two pallets=One stack)

Dimensions

