

SPHM6-72L

525-560 Watt

MONO CRYSTALLINE MODULE



SpolarPV
Easy Invest, More Returns

- SP525HM6-72L
- SP530HM6-72L
- SP535HM6-72L
- SP540HM6-72L
- SP545HM6-72L
- SP550HM6-72L
- SP555HM6-72L
- SP560HM6-72L

21.7%

Module efficiency



Product warranty

560 W

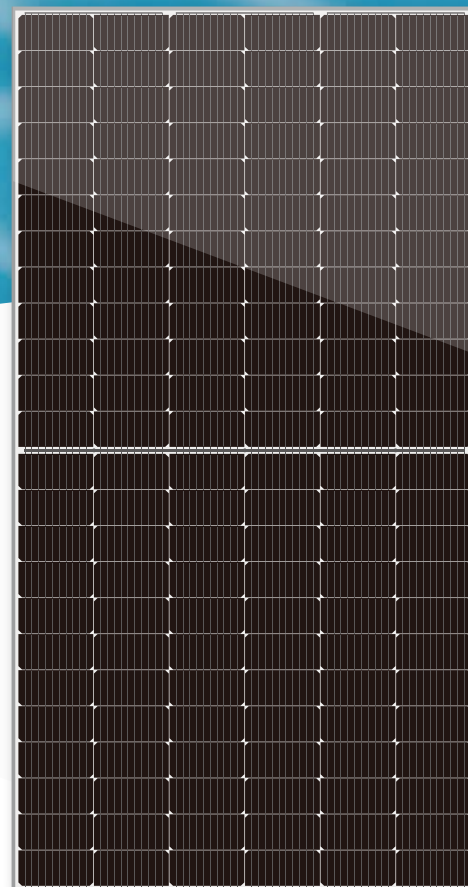
Highest power output



Linear power warranty

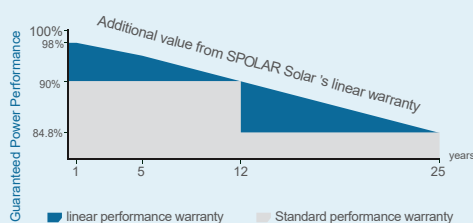
0 ~ +5W

Positive power tolerance



Key Features

Linear Performance Warranty



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

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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.



Electrical Characteristics at Standard Test Conditions (STC)

Module Type	SP525HM6-72L	SP530HM6-72L	SP535HM6-72L	SP540HM6-72L	SP545HM6-72L	SP550HM6-72L	SP555HM6-72L	SP560HM6-72L
Maximum Power -Pmax (W)	525	530	535	540	545	550	555	560
Maximum Power Voltage - Vmp (V)	41.47	41.70	41.93	42.15	42.38	42.61	42.76	42.88
Maximum Power Current - Imp (A)	12.66	12.71	12.76	12.81	12.86	12.91	12.98	13.06
Open-circuit Voltage - Voc (V)	49.50	49.65	49.78	49.90	50.01	50.12	51.79	51.91
Short-circuit Current - Isc (A)	13.42	13.47	13.52	13.57	13.62	13.67	13.74	13.83
Module Efficiency STC (%)	20.3%	20.5%	20.7%	20.9%	21.1%	21.3%	21.5%	21.7%

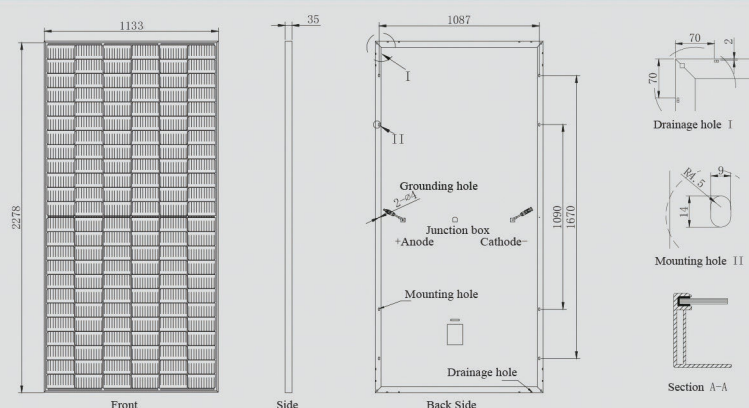
Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SP525HM6-72L	SP530HM6-72L	SP535HM6-72L	SP540HM6-72L	SP545HM6-72L	SP550HM6-72L	SP555HM6-72L	SP560HM6-72L
Maximum Power -Pmax (W)	397	401	405	408	412	416	418	423
Maximum Power Voltage - Vmp (V)	38.57	38.78	38.99	39.20	39.43	39.66	40.30	40.50
Maximum Power Current - Imp (A)	10.13	10.17	10.21	10.25	10.29	10.34	10.38	10.45
Open-circuit Voltage - Voc (V)	46.05	46.18	46.31	46.43	46.55	46.67	48.00	48.20
Short-circuit Current - Isc (A)	10.74	10.78	10.82	10.86	10.90	10.94	10.99	11.06
Power tolerance	0~+5W			Operating Temperature(°C)			-40 °C~+85 °C	
Temperature coefficients of Pmax	-0.350%/C			Maximum system voltage			1500 V	
Temperature coefficients of Voc	-0.275%/C			Maximum series fuse rating			25A	
Temperature coefficients of Isc	0.045%/C			Nominal operating cell temperature			45±2 C	

Mechanical Characteristics

Cell Type	Mono-crystalline PERC 182×91mm
No.of cells	144 (6×24)
Dimensions	2278×1133×35mm
Weight	28.0 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, MC4 Compatible, 3 Bypass Diodes
Output Cables	1×4.0mm ² , Length:300mm or Customized Length
Packaging Configuration	62pcs/stack, 620pcs/40'HQContainer (Two pallets=One stack)

Dimensions



IV-Curves

