

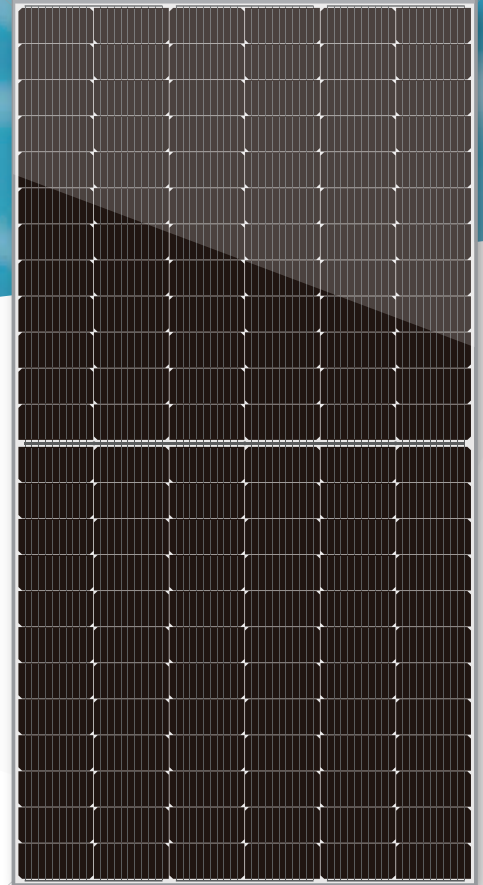
Bifacial Double Glass 530-550 Watt

MONO CRYSTALLINE MODULE

- SP530HM6-72L
- SP540HM6-72L
- SP550HM6-72L
- SP535HM6-72L
- SP545HM6-72L



SpolarPV
Easy Invest, More Returns



21.31%

Module efficiency



Product warranty

550 W

Highest power output



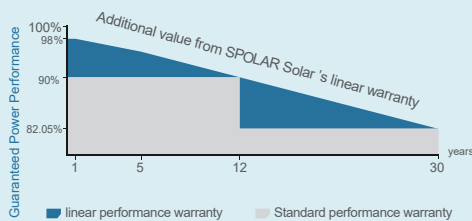
Linear power warranty

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	SP530HM6-72L	SP535HM6-72L	SP540HM6-72L	SP545HM6-72L	SP550HM6-72L
Maximum Power -Pmax (W)	530	535	540	545	550
Maximum Power Voltage - Vmp (V)	41.70	41.93	42.15	42.38	42.57
Maximum Power Current - Imp (A)	12.71	12.76	12.81	12.86	12.92
Open-circuit Voltage - Voc (V)	49.65	49.78	49.90	50.01	51.44
Short-circuit Current - Isc (A)	13.47	13.52	13.57	13.62	13.67
Module Efficiency STC (%)	20.53%	20.73%	20.92%	21.12%	21.31%

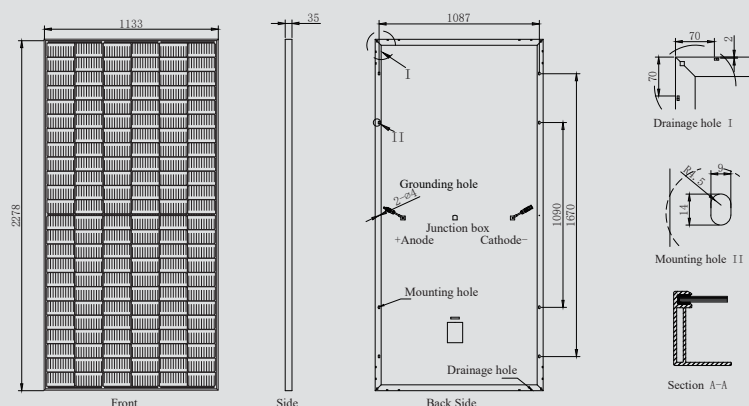
Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SP530HM6-72L	SP535HM6-72L	SP540HM6-72L	SP545HM6-72L	SP550HM6-72L
Maximum Power -Pmax (W)	400	403	407	410	414
Maximum Power Voltage - Vmp (V)	39.30	39.50	39.70	39.90	40.10
Maximum Power Current - Imp (A)	10.17	10.21	10.25	10.29	10.34
Open-circuit Voltage - Voc (V)	47.00	47.20	47.40	47.60	47.80
Short-circuit Current - Isc (A)	10.78	10.82	10.89	10.90	10.94
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	33.0 kg
Glass	Dual Glass 2.0mm Coated 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

