

SPHM6-72

380-400 Watt

MONO CRYSTALLINE MODULE



SpolarPV
Easy Invest, More Returns

- SP380HM6-72 • SP385HM6-72 • SP390HM6-72
- SP395HM6-72 • SP400HM6-72

20.17%

Module efficiency



Product warranty

400 W

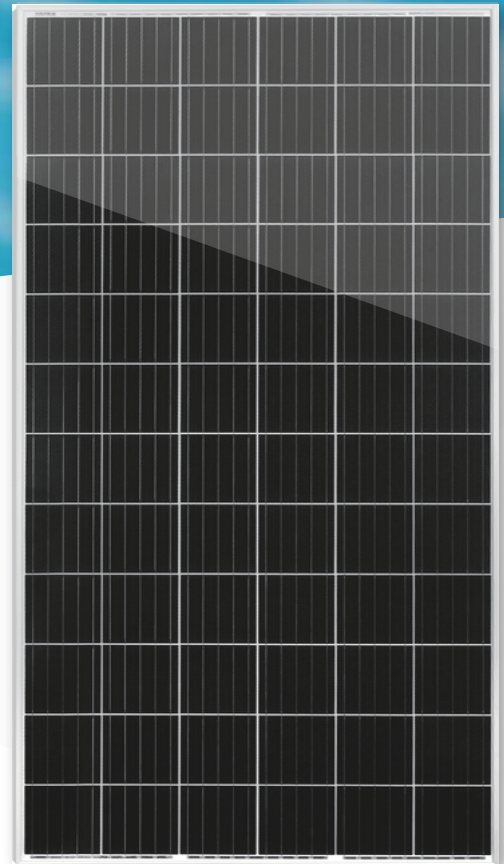
Highest power output



Linear power warranty

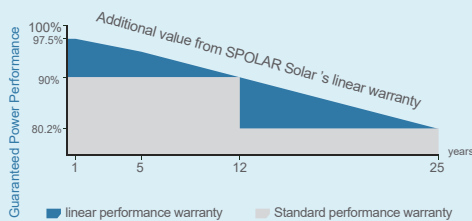
0 ~ +5W

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	SP380HM6-72	SP385HM6-72	SP390HM6-72	SP395HM6-72	SP400HM6-72
Maximum Power -Pmax (W)	380	385	390	395	400
Maximum Power Voltage - Vmp (V)	39.59	39.9	40.21	40.48	40.66
Maximum Power Current - Imp (A)	9.60	9.65	9.70	9.76	9.84
Open-circuit Voltage - Voc (V)	48.75	49.04	49.35	49.64	49.89
Short-circuit Current - Isc (A)	10.12	10.17	10.22	10.27	10.31
Module Efficiency STC (%)	19.16%	19.42%	19.67%	19.92%	20.17%

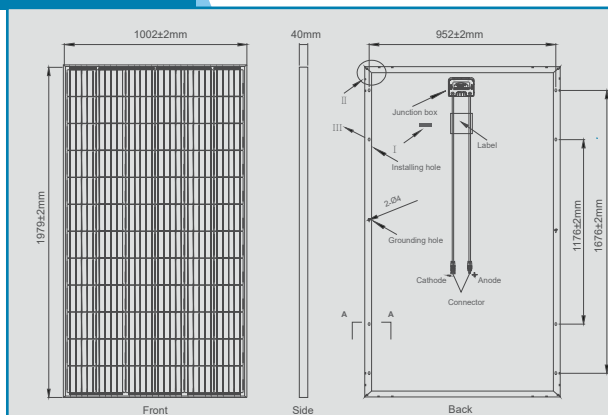
Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SP380HM6-72	SP385HM6-72	SP390HM6-72	SP395HM6-72	SP400HM6-72
Maximum Power -Pmax (W)	281	285	289	292	298
Maximum Power Voltage - Vmp (V)	37.34	37.64	37.92	38.21	38.64
Maximum Power Current - Imp (A)	7.53	7.57	7.61	7.65	7.71
Open-circuit Voltage - Voc (V)	46.15	46.47	46.78	47.09	47.26
Short-circuit Current - Isc (A)	7.99	8.03	8.07	8.11	8.21
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

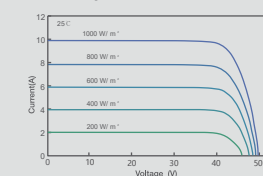
Cell Type	Mono-crystalline PERC 158.75×158.75mm
No.of cells	72 (6×12)
Dimensions	1979×1002×40mm
Weight	22.0 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	1×4.0mm ² , Length:900mm or Customized Length
Packaging Configuration	26pcs/pallet , 52-56pcs/stack, 572-616pcs/40'HQContainer (Two pallets=One stack)

Dimensions

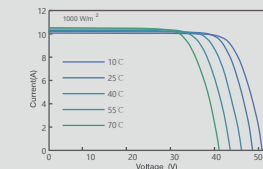


IV-Curves

Current-Voltage Curve under different irradiance



Current-Voltage Curve under different working temperatures



*The company reserves the final right for explanation on any of the information presented hereby.