

SPHM6-72L

380-415 Watt

MONO CRYSTALLINE MODULE



SpolarPV
Easy Invest, More Returns

- SP380HM6-72L
- SP385HM6-72L
- SP390HM6-72L
- SP395HM6-72L
- SP400HM6-72L
- SP405HM6-72L
- SP410HM6-72L
- SP415HM6-72L

20.63%

Module efficiency



Product warranty

415 W

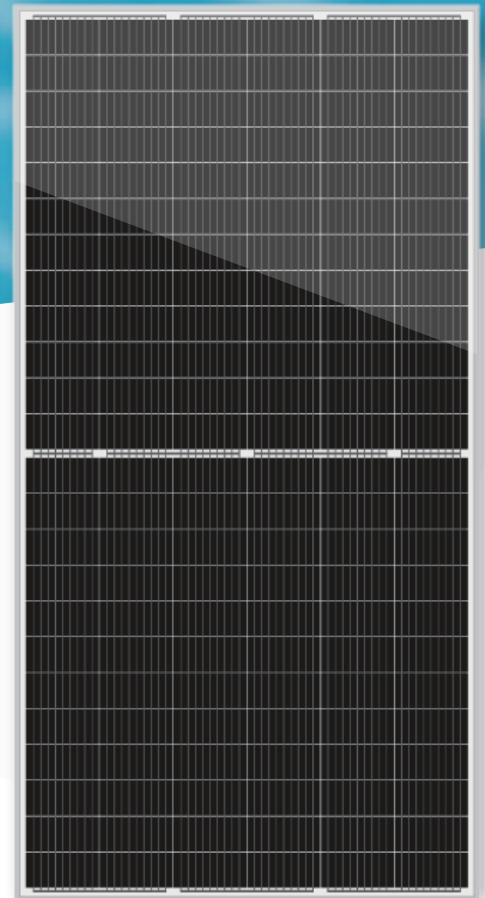
Highest power output



Linear power warranty

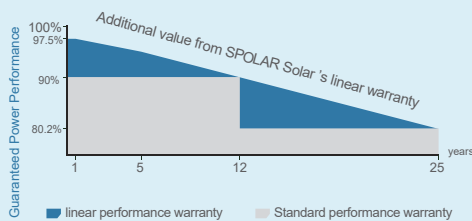
0 ~ +5W

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)/ Normal Operating Cell Temperature(NOCT)

Module Type	SP380HM6-72L	SP385HM6-72L	SP390HM6-72L	SP395HM6-72L
Maximum Power -Pmax (W)	380 / 283	385 / 286	390 / 290	395 / 294
Maximum Power Voltage - Vmp (V)	40.25 / 37.33	40.53 / 37.49	40.79 / 37.78	41.06 / 38.06
Maximum Power Current - Imp (A)	9.44 / 7.58	9.50 / 7.63	9.56 / 7.68	9.62 / 7.72
Open-circuit Voltage - Voc (V)	48.10 / 44.46	48.30 / 44.75	48.50 / 45.20	48.70 / 45.65
Short-circuit Current - Isc (A)	10.17 / 8.21	10.21 / 8.25	10.25 / 8.28	10.29 / 8.31
Module Efficiency STC (%)	18.89	19.14	19.38	19.63

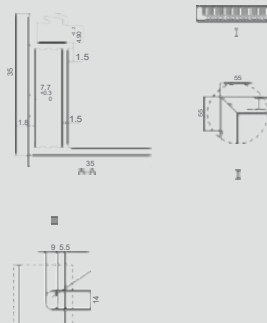
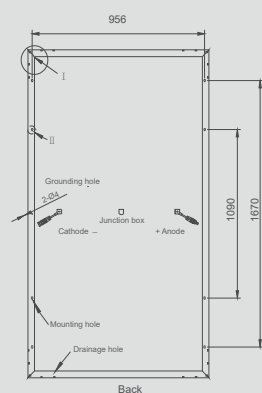
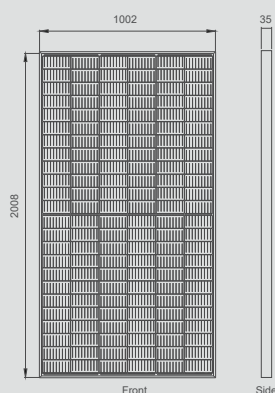
Electrical Characteristics at Standard Test Conditions(STC)/ Normal Operating Cell Temperature(NOCT)

Module Type	SP400HM6-72L	SP405HM6-72L	SP410HM6-72L	SP415HM6-72L
Maximum Power -Pmax (W)	400 / 298	405 / 301	410 / 305	415 / 309
Maximum Power Voltage - Vmp (V)	41.32 / 38.34	41.59 / 38.49	41.85 / 38.76	42.09 / 39.03
Maximum Power Current - Imp (A)	9.68 / 7.77	9.74 / 7.82	9.80 / 7.87	9.86 / 7.92
Open-circuit Voltage - Voc (V)	48.90 / 7.77	49.10 / 46.37	49.30 / 46.81	49.50 / 47.24
Short-circuit Current - Isc (A)	10.33 / 8.34	10.37 / 8.38	10.41 / 8.41	10.45 / 8.44
Module Efficiency STC (%)	19.88	20.13	20.38	20.63
Power tolerance	0~+5W	Operating Temperature(°C)		-40 C ~+85 C
Temperature coefficients of Pmax	-0.3538%/°C	Maximum system voltage		1500V
Temperature coefficients of Voc	-0.2769%/°C	Maximum series fuse rating		20A
Temperature coefficients of Isc	0.0400%/°C	Nominal operating cell temperature		44±2 C

Mechanical Characteristics

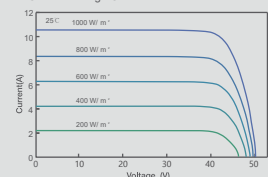
Cell Type	Mono-crystalline PERC 158.75×79.38mm
No.of cells	144 (6×24)
Dimensions	2008×1002×35mm
Weight	21.0 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	1×4.0mm ² , Length:300mm or Customized Length
Packaging Configuration	32pcs/pallet , 64pcs/stack, 704pcs/40'HQContainer (Two pallets=One stack)

Dimensions



IV-Curves

Current-Voltage Curve under different irradiance



Current-Voltage Curve under different working temperatures

