

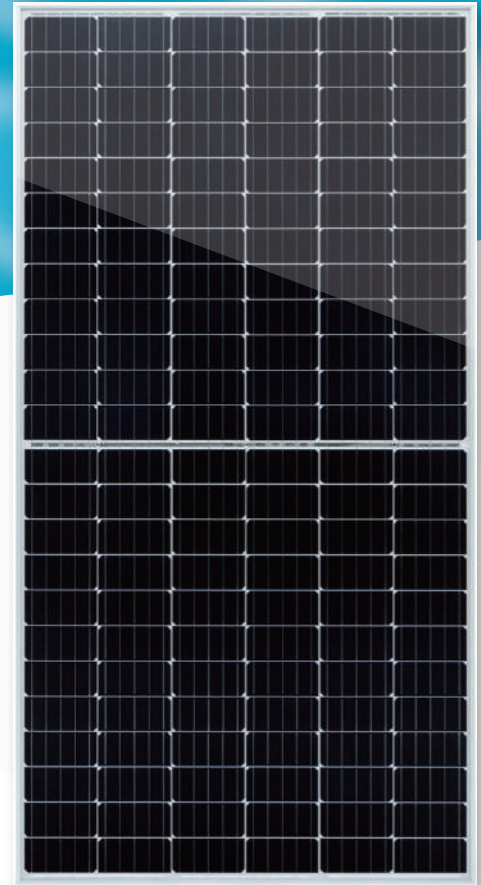


SpolarPV
Easy Invest, More Returns

SPHM6-144 370-390 Watt

MONO CRYSTALLINE MODULE

- SP370HM6-144
- SP380HM6-144
- SP390HM6-144
- SP375HM6-144
- SP385HM6-144



19.68%

Module efficiency



Product warranty

390 W

Highest power output



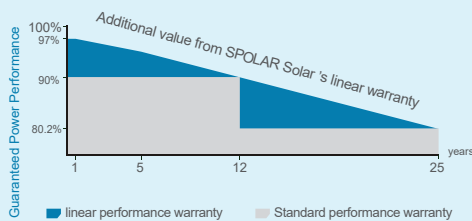
Linear power warranty

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	SP370HM6-144	SP375HM6-144	SP380HM6-144	SP385HM6-144	SP390HM6-144
Maximum Power -Pmax (W)	370	375	380	385	390
Maximum Power Voltage - Vmp (V)	39.83	40.11	40.39	40.66	40.93
Maximum Power Current - Imp (A)	9.29	9.35	9.41	9.47	9.53
Open-circuit Voltage - Voc (V)	48.17	48.43	48.72	48.99	49.26
Short-circuit Current - Isc (A)	10.06	10.13	10.19	10.25	10.32
Module Efficiency STC (%)	18.67%	18.92%	19.17%	19.42%	19.68%

Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SP370HM6-144	SP375HM6-144	SP380HM6-144	SP385HM6-144	SP390HM6-144
Maximum Power -Pmax (W)	288	285	282	278	284
Maximum Power Voltage - Vmp (V)	37.94	37.69	37.19	36.93	36.68
Maximum Power Current - Imp (A)	7.60	7.55	7.58	7.53	7.48
Open-circuit Voltage - Voc (V)	46.51	46.26	45.96	45.68	45.44
Short-circuit Current - Isc (A)	8.33	8.27	8.23	8.18	8.13
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	-0.31%/C		Maximum series fuse rating		15A
Temperature coefficients of Isc	0.05%/C		Nominal operating cell temperature		45±2 C

Mechanical Characteristics

Cell Type	Mono-crystalline PERC 156.75×78.38mm
No.of cells	144 (6×24)
Dimensions	2000×992×40mm
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

