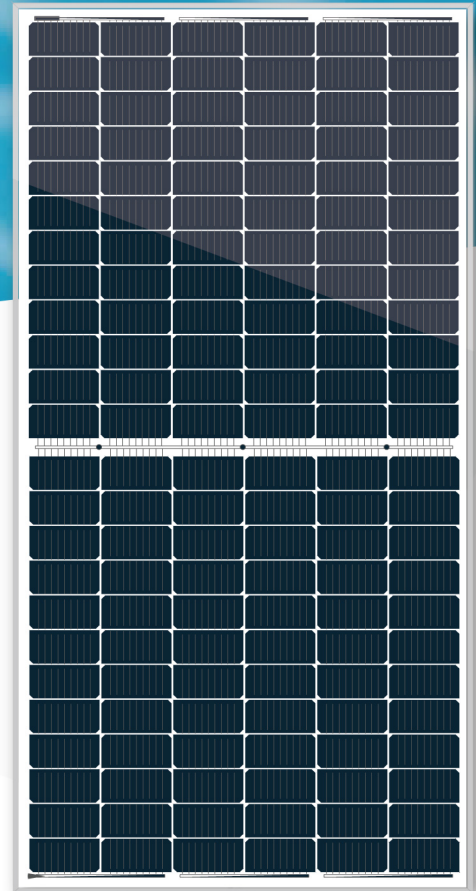


SPHM6-72L 450 Watt

MONO CRYSTALLINE MODULE



SpolarPV
Easy Invest, More Returns



20.70%

Module efficiency



Product warranty

450 W

Highest power output

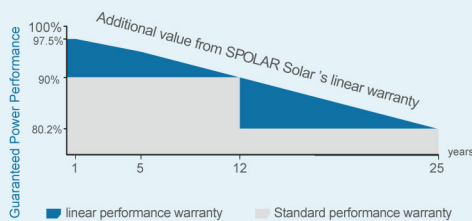


Linear power warranty

0 ~ +5W

Positive power tolerance

Linear Performance Warranty



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

www.spolarpv.com

Key Features



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	SP450HM6-72L		
Maximum Power -Pmax (W)	450		
Maximum Power Voltage - Vmp (V)	41.4		
Maximum Power Current - Imp (A)	10.87		
Open-circuit Voltage - Voc (V)	49.50		
Short-circuit Current - Isc (A)	11.42		
Module Efficiency STC (%)	20.70		

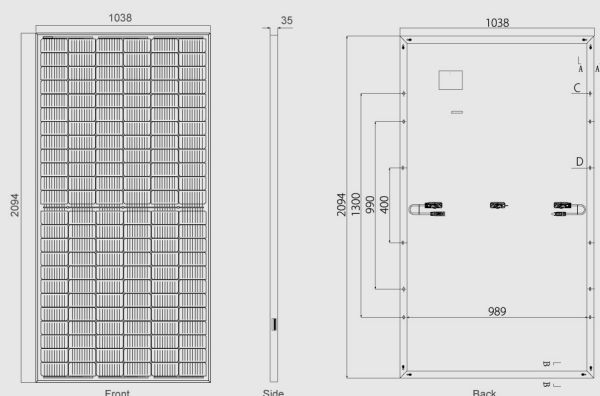
Electrical Characteristics at Standard Test Conditions(STC)/ Normal Operating Cell Temperature(NOCT)

Module Type	SP450HM6-72L		
Maximum Power -Pmax (W)	335		
Maximum Power Voltage - Vmp (V)	38.38		
Maximum Power Current - Imp (A)	8.73		
Open-circuit Voltage - Voc (V)	46.87		
Short-circuit Current - Isc (A)	9.22		
Power tolerance	0~+5W	Operating Temperature(°C)	-40 C ~+85 C
Temperature coefficients of Pmax	-0.370%/C	Maximum system voltage	1500 V
Temperature coefficients of Voc	-0.286%/C	Maximum series fuse rating	20A
Temperature coefficients of Isc	0.050%/C	Nominal operating cell temperature	45±2 C

Mechanical Characteristics

Cell Type	Mono-crystalline PERC 166×83mm		
No.of cells	144 (6×24)		
Dimensions	2094×1038×35mm		
Weight	23.0 kg		
Glass	Single Glass 3.2mm Coated Tempered Glass		
Frame	Anodized Aluminium Alloy		
Junction Box	IP68 Three Diodes		
Output Cables	1×4.0mm ² , Length:300mm or Customized Length		
Packaging Configuration	62pcs /double pallets, 682pcs/40'HQContainer		

Dimensions



IV-Curves

