

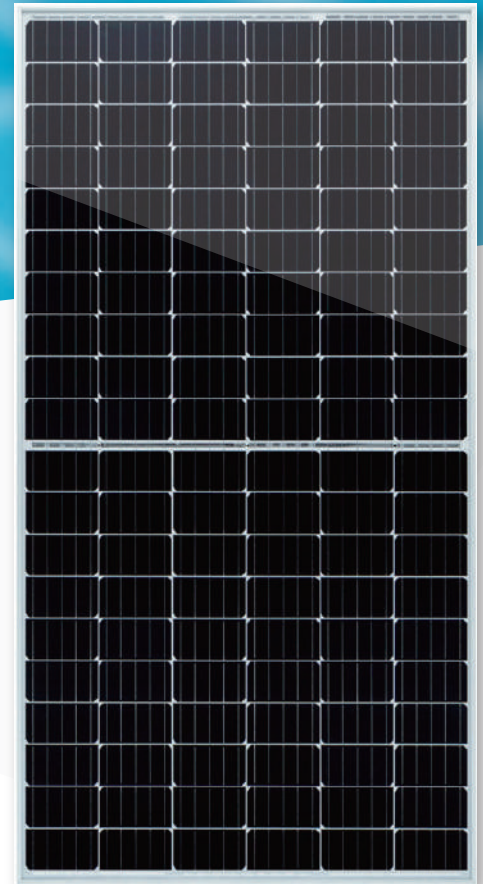
# SPHM6-120 305-325 Watt

## MONO CRYSTALLINE MODULE

- SP305HM6-120
- SP315HM6-120
- SP325HM6-120
- SP310HM6-120
- SP320HM6-120



**SpolarPV**  
Easy Invest, More Returns



### 19.52%

Module efficiency



Product warranty

### 325 W

Highest power output



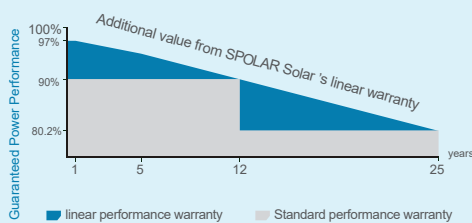
Linear power warranty

### 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.

[www.spolarpv.com](http://www.spolarpv.com)

## Electrical Characteristics at Standard Test Conditions (STC)

Module Type	SP305HM6-120	SP310HM6-120	SP315HM6-120	SP320HM6-120	SP325HM6-120
Maximum Power -Pmax (W)	305	310	315	320	325
Maximum Power Voltage - Vmp (V)	33.23	33.52	33.8	34.08	34.36
Maximum Power Current - Imp (A)	9.18	40.44	9.32	9.39	9.46
Open-circuit Voltage - Voc (V)	40.16	9.76	40.72	41.0	41.26
Short-circuit Current - Isc (A)	9.68	18.62	9.84	9.91	9.99
Module Efficiency STC (%)	18.32%	18.62%	18.92%	19.22%	19.52%

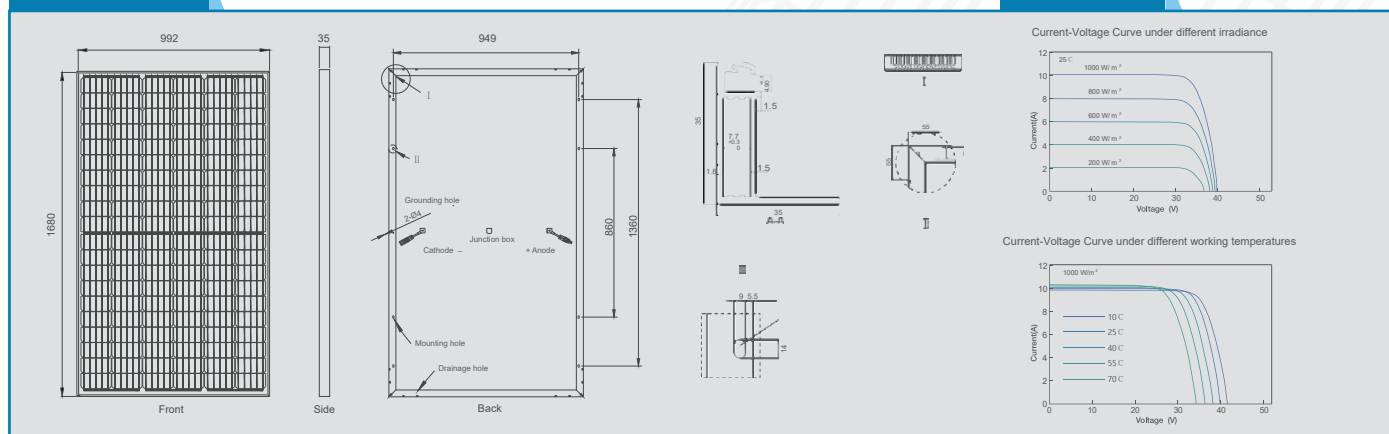
## Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SP305HM6-120	SP310HM6-120	SP315HM6-120	SP320HM6-120	SP325HM6-120
Maximum Power -Pmax (W)	226	230	234	237	242
Maximum Power Voltage - Vmp (V)	30.6	30.87	31.12	31.38	31.99
Maximum Power Current - Imp (A)	7.39	7.45	7.50	7.56	7.58
Open-circuit Voltage - Voc (V)	37.88	38.15	38.41	38.67	39.09
Short-circuit Current - Isc (A)	7.82	7.88	7.95	8.0	8.06
Power tolerance	0~+5W	Operating Temperature(°C)		-40 C ~+85 C	
Temperature coefficients of Pmax	-0.40%/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	120 (6×20)
Dimensions	1680×992×35mm
Weight	18.0 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	1×4.0mm <sup>2</sup> , Length:900mm or Customized Length
Packaging Configuration	30pcs/pallet , 60-64pcs/stack, 780-832pcs/40'HQContainer ( Two pallets=One stack )

## Dimensions



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