

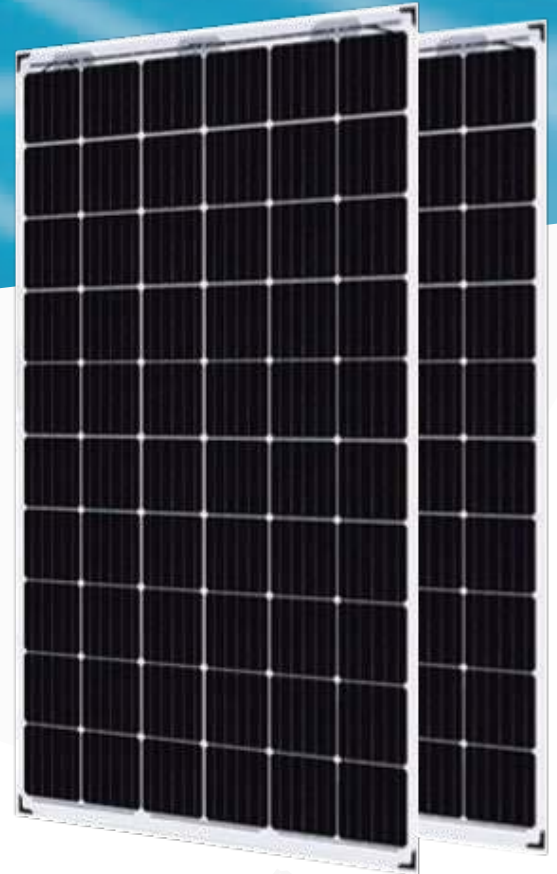
# SPBDM6-60 290-320 Watt



**SpolarPV**  
Easy Invest, More Returns

## MONO CRYSTALLINE MODULE

- SP290BDM6-60
- SP295BDM6-60
- SP300BDM6-60
- SP305BDM6-60
- SP310BDM6-60
- SP315BDM6-60
- SP320BDM6-60



**19.46%**

Module efficiency



Product warranty

**320 W**

Highest power output



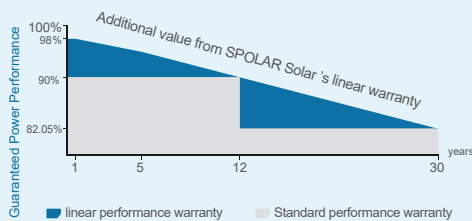
Linear power warranty

**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)/ Normal Operating Cell Temperature(NOCT)

Module Type	SP290BDM6-60	SP295BDM6-60	SP300BDM6-60	SP305BDM6-60
Maximum Power -Pmax (W)	290 / 215	295 / 218	300 / 222	305 / 226
Maximum Power Voltage - Vmp (V)	33.82 / 31.79	34.37 / 32.30	34.91 / 32.81	35.45 / 33.32
Maximum Power Current - Imp (A)	8.57 / 6.76	8.58 / 6.74	8.59 / 6.76	8.60 / 6.78
Open-circuit Voltage - Voc (V)	38.61 / 36.29	38.72 / 36.39	38.80 / 36.47	39.26 / 36.90
Short-circuit Current - Isc (A)	9.14 / 7.69	9.79 / 7.78	9.86 / 7.91	9.93 / 7.95
Module Efficiency STC (%)	17.63%	17.94%	18.24%	18.54%

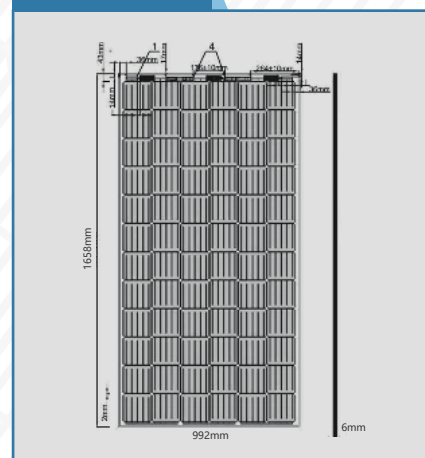
### Electrical Characteristics at Standard Test Conditions(STC)/ Normal Operating Cell Temperature(NOCT)

Module Type	SP310BDM6-60	SP315BDM6-60	SP320BDM6-60
Maximum Power -Pmax (W)	310 / 230	315 / 233	320 / 237
Maximum Power Voltage - Vmp (V)	36.01 / 33.85	36.42 / 34.23	36.74 / 34.53
Maximum Power Current - Imp (A)	8.61 / 6.79	8.64 / 6.81	8.69 / 6.86
Open-circuit Voltage - Voc (V)	39.34 / 36.98	39.80 / 37.41	39.92 / 37.52
Short-circuit Current - Isc (A)	10.00 / 8.08	10.11 / 8.09	10.36 / 8.20
Module Efficiency STC (%)	18.85%	19.15%	19.46%
Temperature coefficients of Pmax	-0.35%/C	<b>Power tolerance</b>	0~+5W
Temperature coefficients of Voc	-0.30%/C	<b>Maximum system voltage</b>	1000/1500V
Temperature coefficients of Isc	0.05%/C	<b>Maximum series fuse rating</b>	20A
Operating Temperature(°C)	-40 C~+85 C	<b>Nominal operating cell temperature</b>	45±2 C

### Mechanical Characteristics

Cell Type	Mono-crystalline Bifacial Cells 156.75mm × 156.75mm
No.of cells	60 (6×10)
Dimensions	1658 × 992 × 6mm
Weight	23.2kg
Front Glass	2.5mm,High Transmission,Low Iron,Tempered Glass
Back Glass	2.5mm,High Transmission,Low Iron,Tempered Glass
Junction Box	IP67 (three bypass diodes)
Output Cables	1×4.0mm <sup>2</sup> , Length:350mm or Customized Length
Packaging Configuration	26pcs/pallet, 52-56pcs/stack, 624-672pcs/40'HQ Container ( Two pallets=One stack )

### Dimensions



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