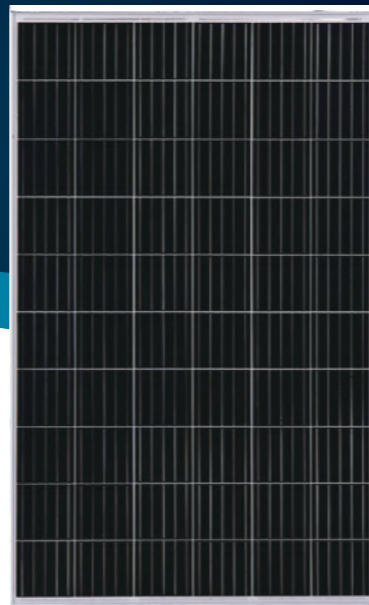


SM-60MC PERC 158.75 SERIES 60 CELLS

**315-335w**



**20.08%**  
Max efficiency

**15 YEARS**

Guarantee on product material and workmanship



**158.75mm**  
Monocrystalline solar cells

**25 YEARS**

Linear power output warranty

**KEY FEATURES**



100% double EL test enabling remarkable reduction of hidden crack rate of modules



Positive power tolerance (3 ~ +10W) guaranteed



Lower risk of hot spot effects



Significantly lower LCOE and BoS cost savings



Low Light Features  
Higher performance under low light environment.



5BB Cell  
More uniform current collection capability, reducing the current heat loss of the internal cells.



PID Protection  
Ensure the attenuation probability caused by PID phenomenon is minimized

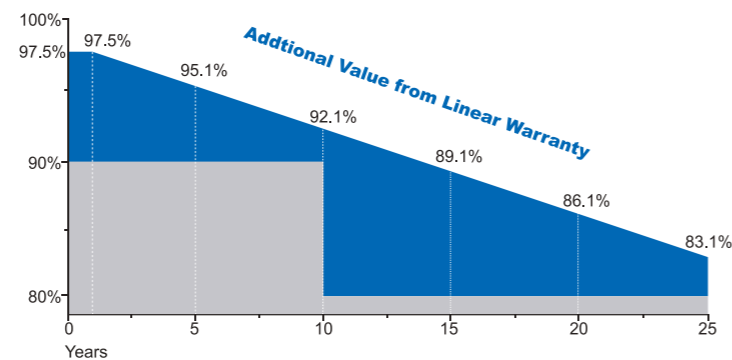
**MANAGEMENT SYSTEM**

ISO 9001: Quality management system

ISO 14001: Standard for environmental management system

OHSAS 18001: International standard for occupational health and safety assessment system

**WARRANTY**



**INSURANCE**



**PRODUCT CERTIFICATES**



**MONO 60 CELLS | 5BB**

**Electric Characteristics**

Model of modules	SM-315-60MC		SM-320-60MC		SM-325-60MC		SM-330-60MC		SM-335-60MC	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power— $P_{mp}$ (W)	315W	238W	320W	241W	325W	245W	330W	249W	335W	253W
Open-circuit voltage— $V_{oc}$ (V)	41.2V	38.9V	41.3V	39.0V	41.5V	39.2V	41.6V	39.3V	41.7V	39.4V
Short-circuit current— $I_{sc}$ (A)	9.92A	7.87A	10.02A	7.95V	10.14A	8.05A	10.27A	8.16A	10.41A	8.27A
Maximum power voltage— $V_{mp}$ (V)	33.9V	32.2V	34.1V	32.4V	34.3V	32.6V	34.4V	32.7V	34.5V	32.8V
Maximum power current— $I_{mp}$ (A)	9.30A	7.40A	9.39A	7.44A	9.48A	7.52A	9.60A	7.61A	9.72A	7.71A
Module efficiency— $\eta_m$ (%)	18.88%		19.18%		19.48%		19.78%		20.08%	

STC: Irradiance 1000 W/m<sup>2</sup>, 25°C, AM1.5 NOCT: Irradiance 800 W/m<sup>2</sup>, 20°C, wind velocity 1m/s

**Temperature Characteristics**

Temperature coefficient at maximum power	-0.37%/ °C
Temperature coefficient of Voc	-0.28%/ °C
Temperature coefficient of Isc	+0.048%/ °C
Current operating temperature	-40~+85 °C
Rated operating temperature of cells	45±2 °C

**Structural Characteristics**

Module dimensions	1665x1002x35mm
Weight	17.5kg
No. of cells	60
Cell	Mono crystalline 158.75x158.75mm
Glass	3.2mm AR coating tempered glass
Frame	Anodized aluminum alloy
Junction box	IP68, three diodes
Output wire	4.0 mm <sup>2</sup> , wire length: 1200mm or Customized
Connector	MC4 compatible
Mechanical load	Snow load 5400Pa/Wind load 2400Pa

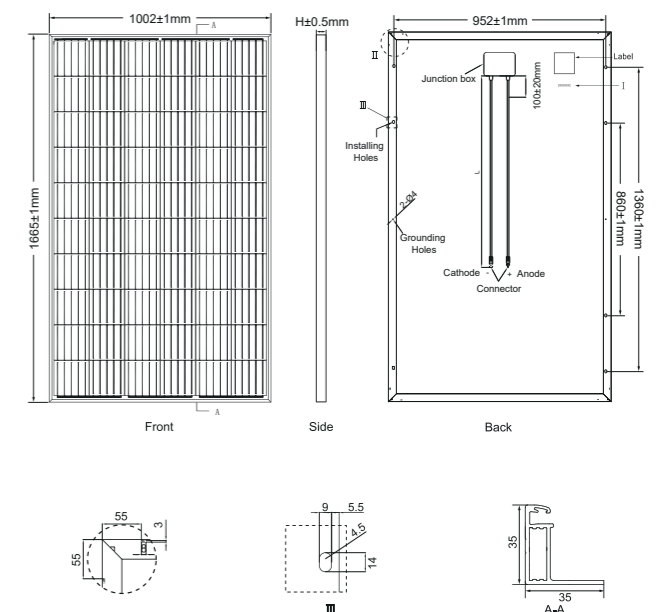
**Working Characteristics**

Power tolerance(W)	(3,+10)
Maximum system voltage(V)	1000V/1500V
Maximum rated fuse current (A)	20

**Packaging Configuration**

Container	20GP	40HQ
Quantity per pallet	30	31
Pallets per container	12	28
Quantity per container	360	952

**Engineering Drawings**



**IV Curves**

