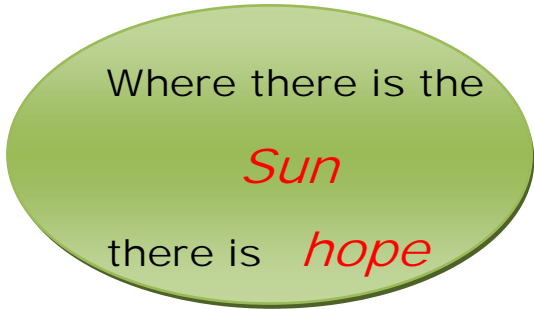


Solar Modules

- HBM(260W)16498m
- HBM(255W)16498m
- HBM(250W)16498m
- HBM(240W)16498m



Features

- 60 mono crystalline cells connected in series
- High module conversion efficiency, through superior manufacturing technology
- Entire module certified to withstand wind loads (2400 Pascal) and snow loads (5400 Pascal)
- Anodized aluminum is mainly for improving corrosion resistance
- Highly transparent, low-iron, tempered glass and antireflective coating

Benefits

- 25 years transferrable power output warranty, 25 year/80%
- Product liability insurance
- Enhanced design for easy installation and long term reliability

Certifications

ISO9001 IEC61215 IEC61730 CE CEC

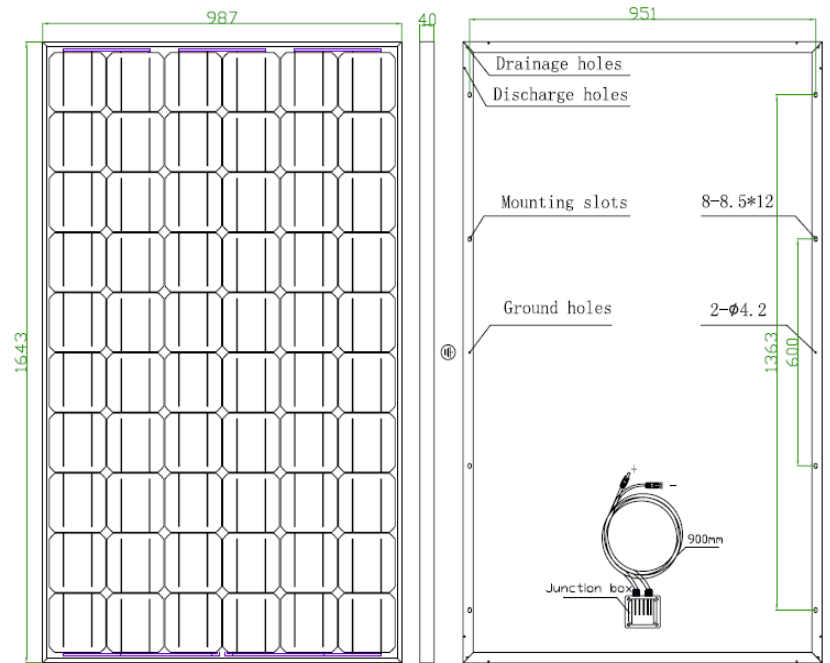
Electrical Specifications

Module type	HBM(260W)16498m	HBM(250W)16498m	HBM(245W)16498m	HBM(240W)16498m
Maximum power voltage(Vmp)	31.2 V	31.2 V	30.8 V	30.4 V
Maximum power current(Imp)	8.33 A	8.02 A	7.96 A	7.89 A
Short circuit current(Isc)	8.91 A	8.58 A	8.52 A	8.51 A
Open circuit voltage(Voc)	39.1V	38.1 V	37.2 V	36.9 V
Peak power(Pmax)	260W	250W	245W	240W
Cell Efficiency	18.65%	17.98%	17.62%	17.26%
Module Efficiency	16.03%	15.42%	15.10%	14.81%
Series fuse rating(A)	15A			
Normal Operating Cell Temperature	47±2℃			
Maximum system voltage	DC 1000V			
Number of bypass diode	3			



Mechanical Specifications

Cell type	Monocrystalline 156*156mm
No. of cells	60 cells in series
Weight	19kg
Dimensions	1643*987*40mm
Max Load	5400Pascals
Front Glass	3.2mm tempered glass
Junction box	IP65 rated
Output cables	Cross section 4.0mm ²
	Length(+/-) 900mm MC plug type

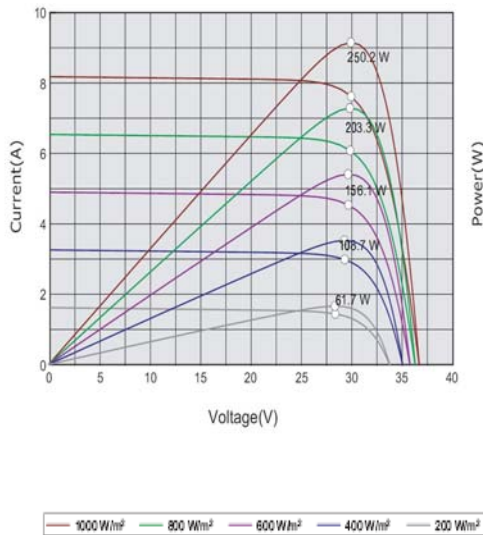


Temperature Coefficient

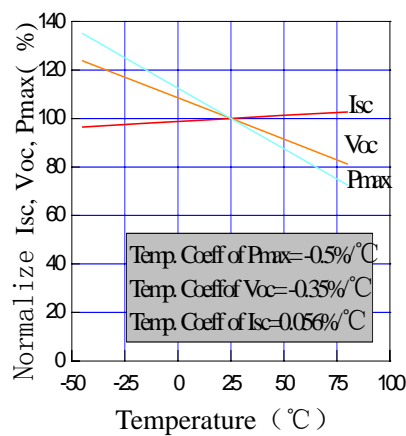
Temp. Coeff. of Isc	0.017%/°C
Temp. Coeff. of Voc	-0.35%/°C
Temp. Coeff. of Pmax	-0.5%/°C
Power Tolerance	±3%

Electrical Characteristics

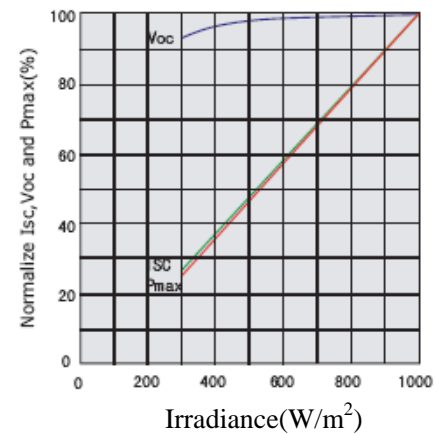
Electrical performance
(cell temperature:25 °C)



Temperature dependence of Isc,
Voc and Pmax



Irradiance dependence of Isc,
Voc and Pmax (Cell Temp:25 °C)



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000w/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C.

Please contact jjshubu@hopesolar.com.cn for technical support. The parameters are for reference only, and are subject to change without notice or obligation.