



**GREENSUN
SOLAR**

www.greensunpv.com



ELECTRICAL DATA(STC)

Model Type	GSMH45W-18M	GSMH50W-18M
Peak Power(Pmax)	45	50
Maximum Power Voltage(Vmp)	18.62	20.72
Maximum Power Current(Imp)	2.15	2.18
Open Circuit Voltage(Voc)	23.37	23.91
Short Circuit Current(Isc)	2.27	2.3
Module Efficiency(%)	16.12	18.13

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

TEMPERATURE&MAXIMUM RATING

Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	10
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.270%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40~+85

MECHANICAL CHARACTERISTICS

Cell Type	166x33.2Mono
No. of Cells	36(2x18)
Dimensions	680x365x25mm
Weight	2.6kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65/IP67
Output cables	Without cables and connector
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

20FT	8Packages/3360PCS
40HQ	18Packages/8160PCS

QUALIFICATIONS AND CERTIFICATES



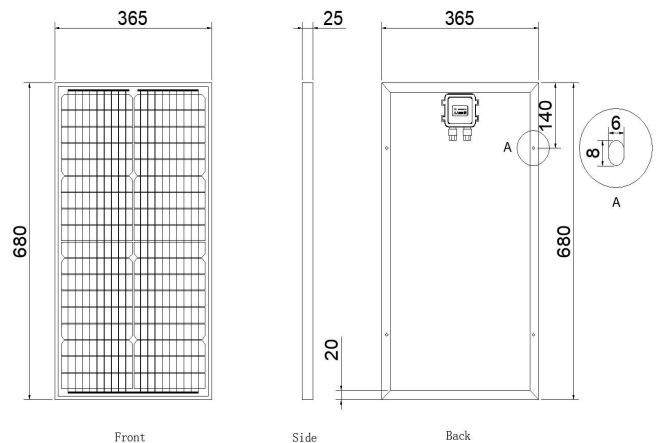
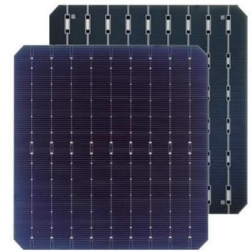
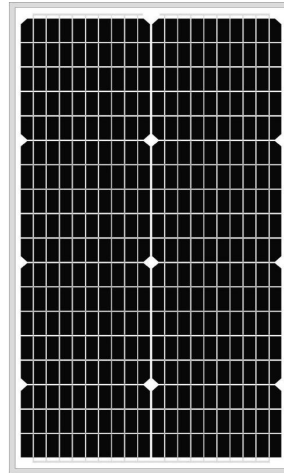
**12
YEARS**

Guarantee on product material and workmanship

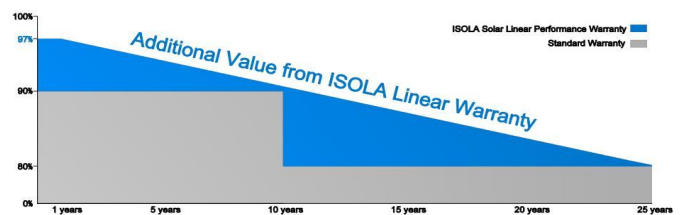
**25
YEARS**

Linear Power output warranty

PV DRAWINGS



WARRANTY



STC Irradiance 1000W/m² Cell Temperature 25 °C AM=1.5
NOCT Irradiance 800W/m² Ambient Temperature 20 °C AM=1.5