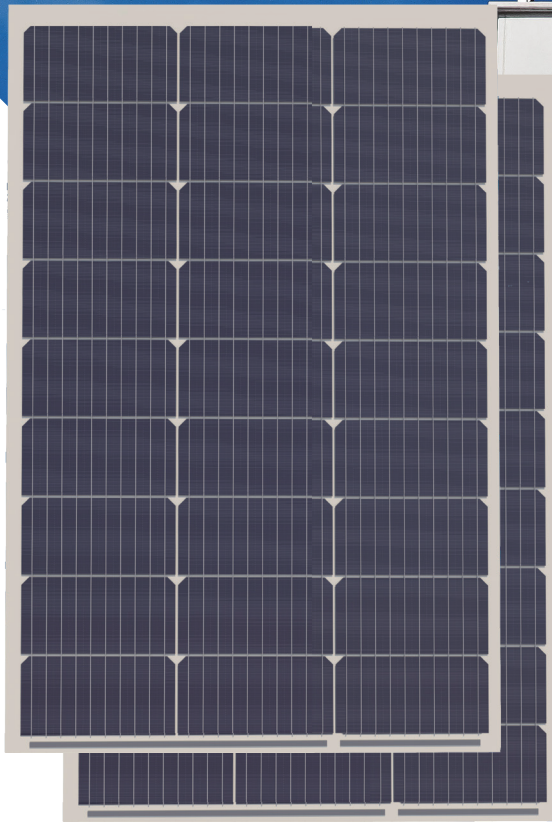




Flexible

100-110W

Flexible Solar Panel



Light Weight
Frameless, Glass free



Flexibility
Special manufacturing process and materials
provide bending ability



Aesthetic Apperance
Half cell design, High Consistency

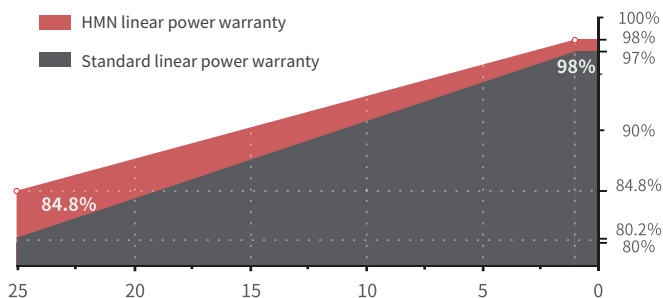


Easy Installation
Light weight, easy for handling



Customized
Provide Customized Service

Linear Performance Warranty



Quality system: ISO 9001: 2005



Linear power warranty

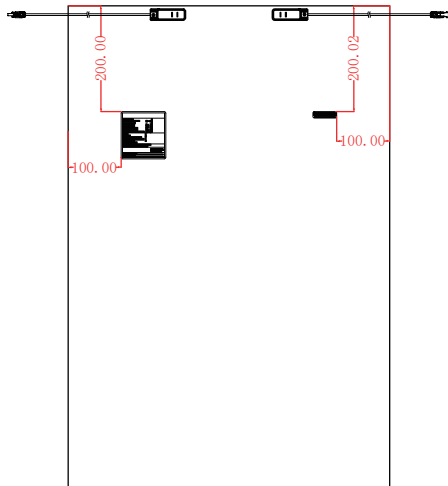
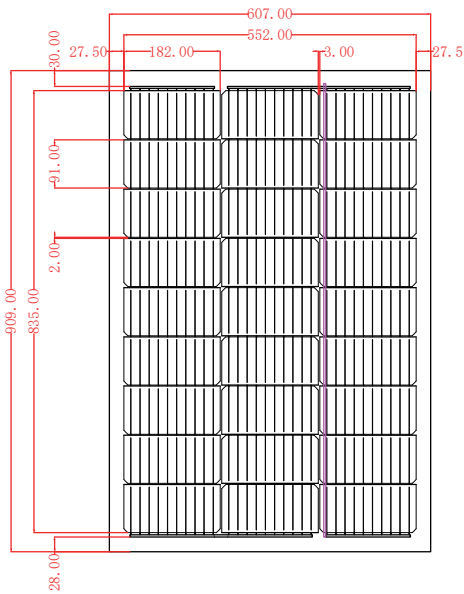
25 YEAR

Linear Power
Warranty

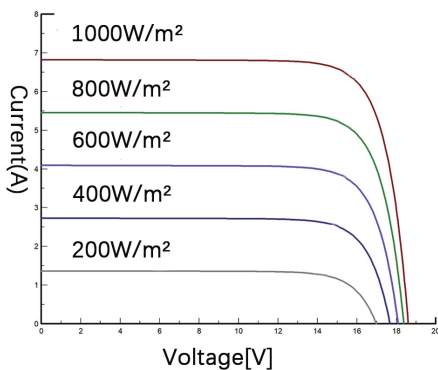
12 YEAR

Product
Warranty

Characteristics



I-V Curve



Electrical Characteristics(STC)

ITEM	HMN-100-F8ME	HMN-105-F8ME	HMN-110-F8ME
Maximum Power (Pmax)	100W	105W	110W
Maximum Power Voltage(Vmp)	15.4V	15.9V	16.4V
Maximum Power Current(Imp)	6.50A	6.61A	6.73A
Open-circuit Voltage(Voc)	18.6V	19.1V	19.6V
Short-circuit Current(Isc)	6.82A	6.92A	7.02A
Module Efficiency(%)	18.12%	19.01%	19.93%
Operating Temperature	-40 °C to 85 °C		
Maximum System Voltage	600VDC		
Maximum Series Fuse Rating	15A		
Application Class	Class A		
Power Tolerance	0~+5 W		
STC:Irradiance 1000W/m ² , module temperature 25°C , AM=1.5			

Mechanical Characteristics

Solar Cell	Monocrystalline silicon cell
Cell Size	182×91mm
No. of cells	27
Module Dimensions	L:909*W:607*H:3 mm L:909*W:607*H:18 mm(J-Box included)
Weight	1.6kg
Backsheet	White PV Backsheet
J-Box	IP 68
Output cables	4mm ²
Cable length	(+)/(-) 300 mm
Connector	MC4 compatible

Temperature Characteristics

NOCT(Nominal Operating Cell Temperature)	41 ± 2°C
Temperature Coefficient of Pmax	-0.38%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Isc	0.020%/°C

Packaging

Container	20'GP	40'HQ
Pieces per pallet	70	70
Pieces per container	1400	4620



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