

## SOLIGHT Series

# 400w-410w

### Flexible Solar Panel



#### Light Weight

Non-glass modules are 60% lighter than traditional glass modules.



#### Easy Installation

Light weight, easy for handling



#### Aesthetic Appearance

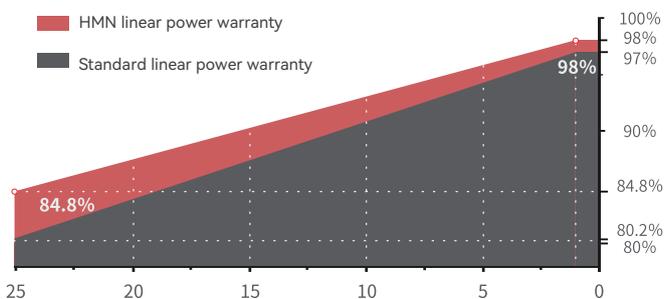
Half cell design, High Consistency



#### Customized

Provide Customized Service

### Linear Performance Warranty

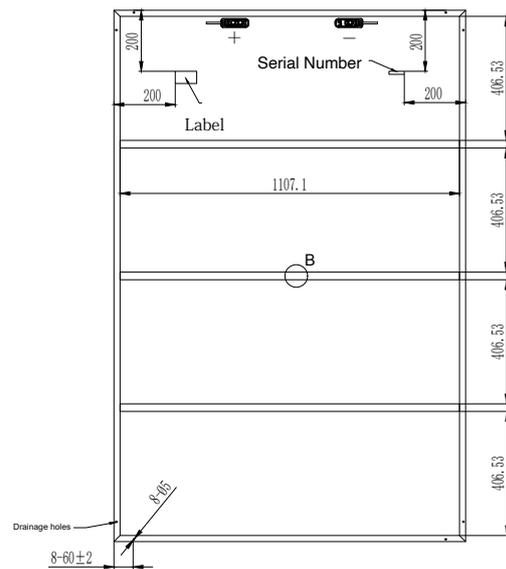
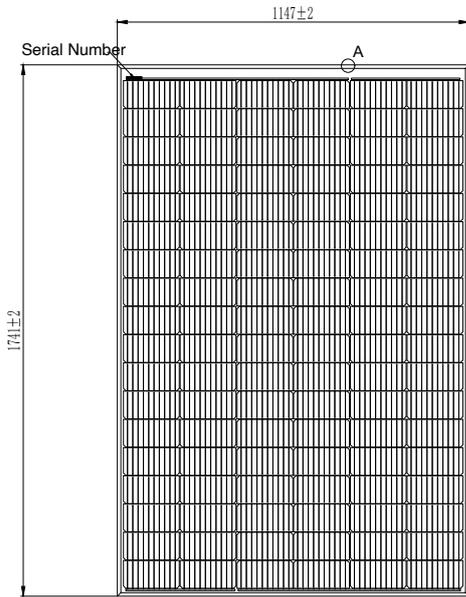


### Linear power warranty

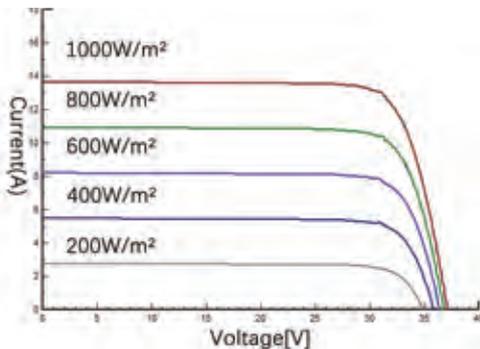
**25** YEAR Linear Power Warranty

**12** YEAR Product Warranty

## Characteristics



## I-V Curve



## Electrical Characteristics

STC	HMN-400-F8MC	HMN-405-F8MC	HMN-410-F8MC
Maximum Power (Pmax )	400W	405W	410W
Maximum Power Voltage(Vmp)	30.7V	30.8V	30.9V
Maximum Power Current(Imp )	13.03A	13.16A	13.29A
Open-circuit Voltage(Voc)	37.1V	37.2V	37.3V
Short-circuit Current(Isc)	13.66A	13.81A	13.90A
Module Efficiency(%)	19.9%	20.2%	20.4%
Operating Temperature	-40 °C to 85 °C		
Maximum System Voltage	1500VDC		
Maximum Series Fuse Rating	25 A		
Application Class	Class II		
Power Tolerance	0~+5W		

STC:Irradiance 1000W/m<sup>2</sup> , module temperature 25°C , AM=1.5

## Mechanical Characteristics

Solar Cell	Monocrystalline silicon cell
Cell Size	182×91mm
No. of cells	108
Module Dimensions	L:1741*W:1147*H:30mm (Frame: Reinforced resin)
Weight	8.6kg
Backsheet	White PV Backsheet
J-Box	IP 68
Output cables	4mm <sup>2</sup>
Cable length	(+)/(-) 400 mm
Connector	MC4 compatible

## Temperature Characteristics

NOCT(Nominal Operating Cell Temperature)T	41 ± 2°C
Temperature Coefficient of Pmax	-0.34%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	0.033%/°C

## Packaging

Container	20'GP	40'HQ
Pieces per pallet	36	36
Pieces per container	216	864