

SOLIGHT Series

400-410W

Flexible Solar Panel



Light Weight

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



Easy Installation

Light weight, easy for handling



Aesthetic Appearance

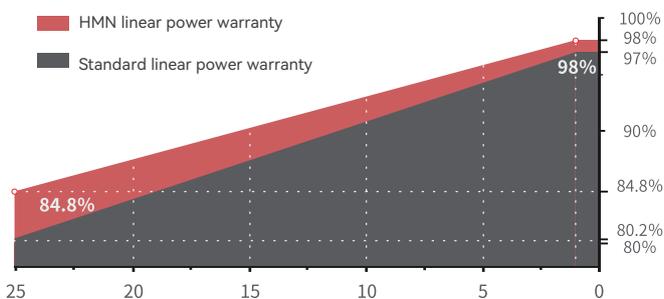
Half cell design, High Consistency



Customized

Provide Customized Service

Linear Performance Warranty

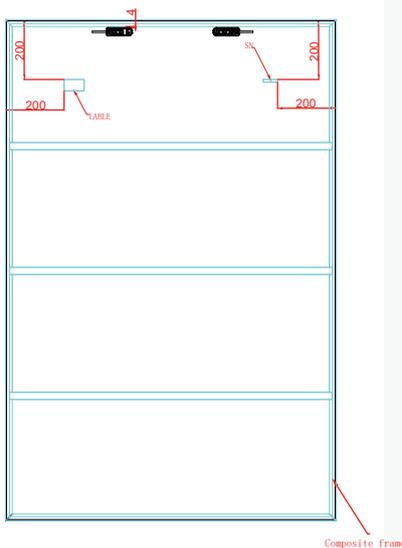
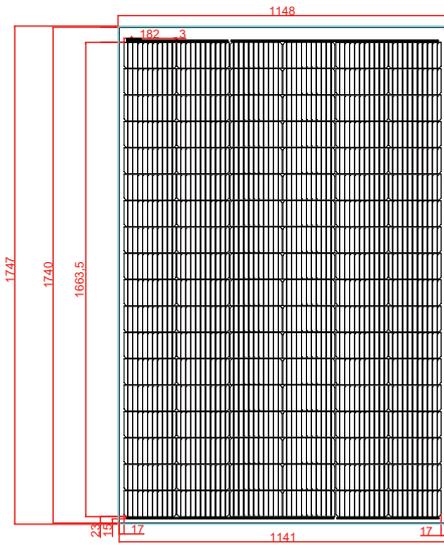


Linear power warranty

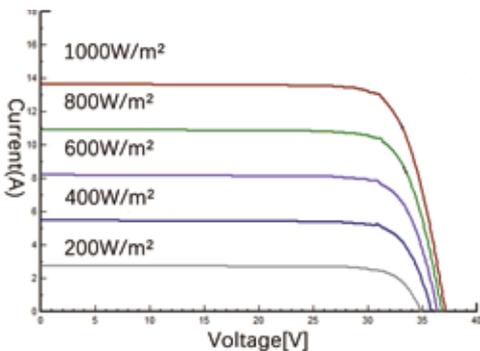
25 YEAR Linear Power Warranty

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(%)	20.15%	20.40%	20.65%
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/m2 , 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:1747*W:1148*H:20 mm (Frame: Reinforced resin)
Weight	8.5kg
Backsheet	White PV Backsheet
J-Box	IP 67
Output cables	4mm ²
Cable length	(+)/(−) 400 mm
Connector	MC4 compatible

Temperature Characteristics

NOCT(Nominal Operating Cell Temperature)T	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	55	55
Pieces per container	330	1320



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