

Flexible

515-525W

Flexible Solar Panel



Light Weight
Frameless, Glass free



Flexibility
Special manufacturing process and materials provide bending ability



Easy Installation
Light weight, easy for handling

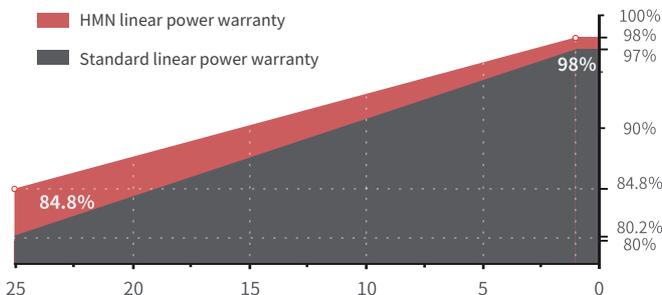


Aesthetic Appearance
Half cell design, High Consistency



Customized
Provide Customized Service

Linear Performance Warranty



Quality system: ISO 9001: 2005

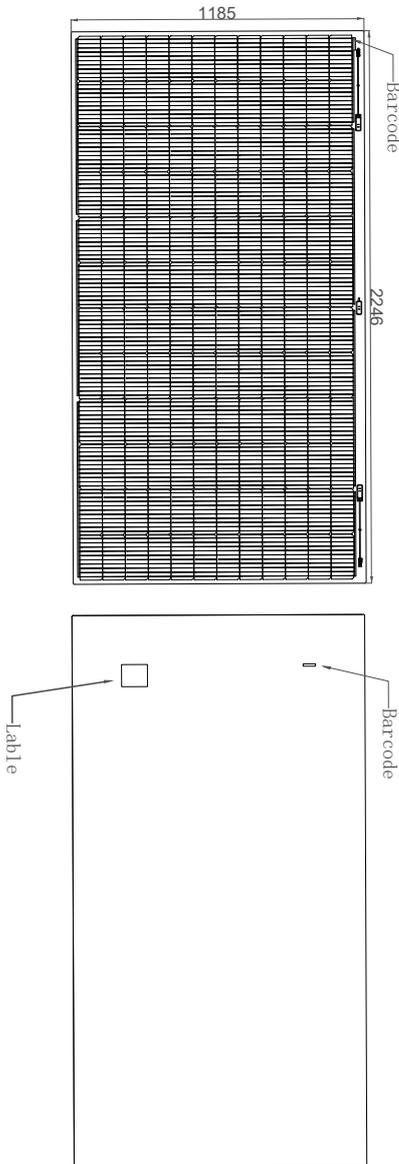


Linear power warranty

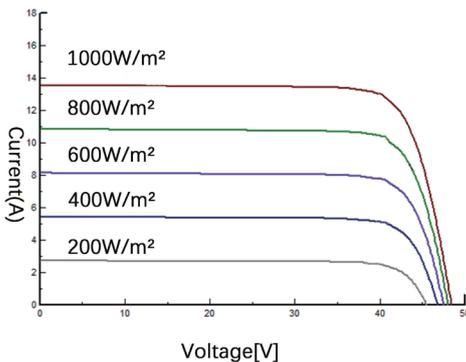
25 YEAR Linear Power Warranty

12 YEAR Product Warranty

Characteristics



I-V Curve



Electrical Characteristics(STC)

ITEM	HMN-515-F8MA	HMN-520-F8MA	HMN-525-F8MA
Maximum Power (Pmax)	515W	520W	525W
Maximum Power Voltage(Vmp)	40.2V	40.3V	40.4V
Maximum Power Current(Imp)	12.85A	12.94A	13.03A
Open-circuit Voltage(Voc)	48.3V	48.4V	48.5V
Short-circuit Current(Isc)	13.48A	13.56A	13.67A
Module Efficiency(%)	19.3%	19.5%	19.7%
Operating Temperature	-40 °C to 85 °C		
Maximum System Voltage	1500VDC		
Maximum Series Fuse Rating	25A		
Application Class	Class A		
Power Tolerance	0~+5 W		

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	144
Module Dimensions	L:2246*W:1185*H:3 mm L:2246*W:1185*H:18 mm(J-Box included)
Weight	7.7kg
Backsheet	White PV Backsheet
J-Box	IP 68
Output cables	4mm ²
Cable length	(+)/(-) 400 mm (Customizable)
Connector	MC4 compatible

Temperature Characteristics

NOCT(Nominal Operating Cell Temperature)	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	70	70
Pieces per container	350	700

