



## FLEXION Series 200-210W Flexible Solar Panel



**Light Weight**  
Frameless, Glass free



**Flexibility**  
Special manufacturing process and materials provide bending ability



**Aesthetic Appearance**  
Half cell design, High Consistency

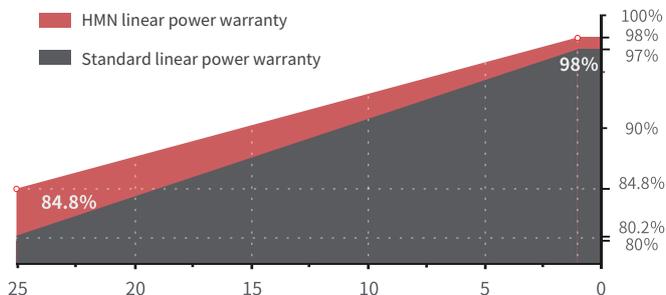


**Easy Installation**  
Light weight, easy for handling



**Customized**  
Provide Customized Service

### Linear Performance Warranty

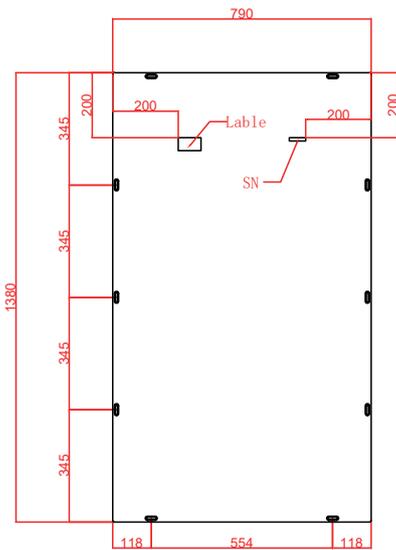
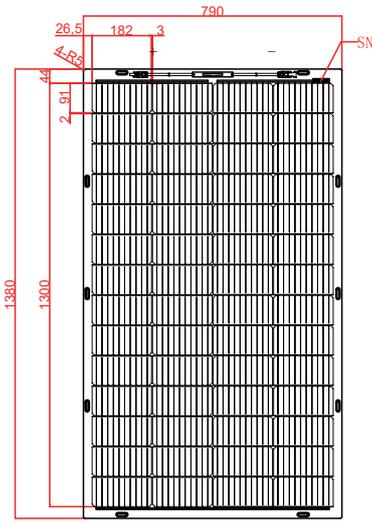


### Linear power warranty

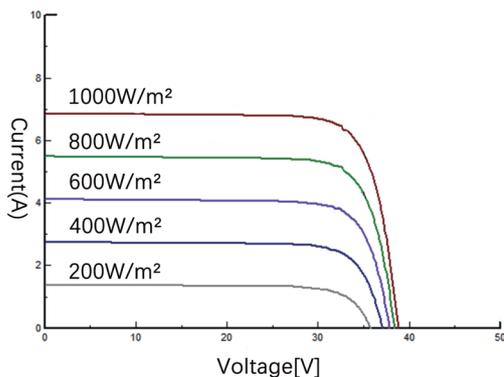
**25** YEAR Linear Power Warranty

**12** YEAR Product Warranty

## Characteristics



## I-V Curve



## Electrical Characteristics(STC)

ITEM	HMN-210-F8MP-E	HMN-215-F8MP-E	HMN-220-F8MP-E
Maximum Power (Pmax )	210W	215W	220W
Maximum Power Voltage(Vmp)	16.2V	16.3V	16.4V
Maximum Power Current(Imp )	13.1A	13.3A	13.5A
Open-circuit Voltage(Voc)	19.4V	19.5V	19.6V
Short-circuit Current(Isc)	13.7A	13.9A	14.2A
Module Efficiency(%)	19.26%	19.72%	20.18%
Operating Temperature	-40 °C to 85 °C		
Maximum System Voltage	600VDC		
Maximum Series Fuse Rating	15A		
Application Class	Class II		
Power Tolerance	0~+5 W		

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	56
Module Dimensions	L:1380*W:790*H:3 mm L:1380*W:790*H:18 mm(J-Box included)
Weight	3.4kg
Backsheet	White PV Backsheet
J-Box	IP 68
Output cables	4mm <sup>2</sup>
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	980	2100