

FLEXON Series 400-410W

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

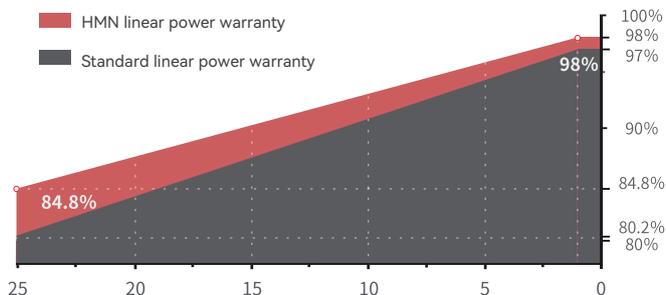
Half cell design, High Consistency



Customized

Provide Customized Service

Linear Performance Warranty

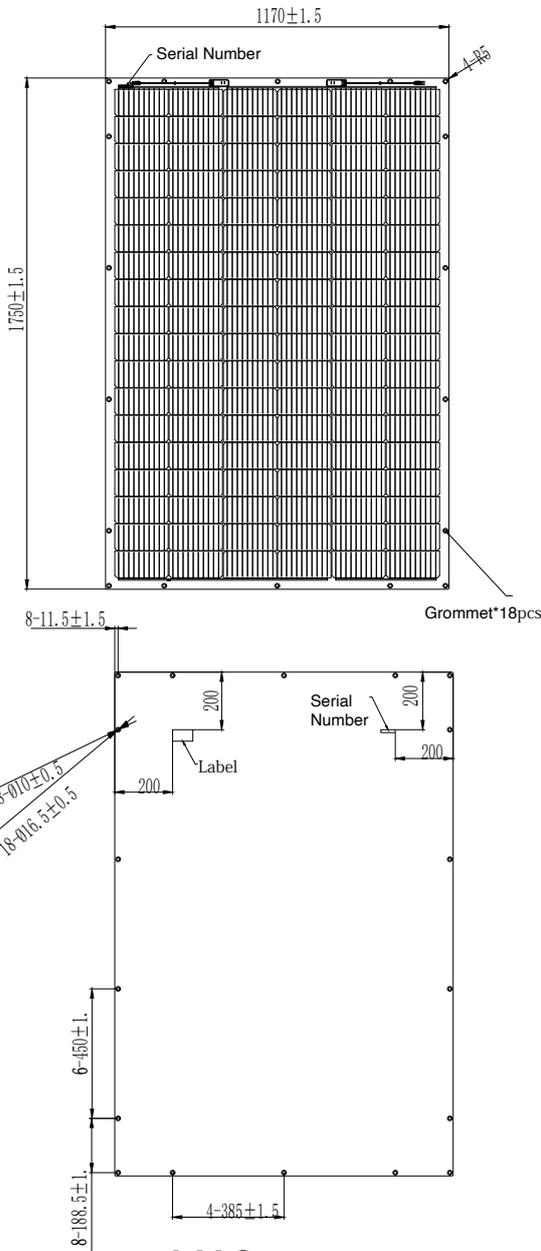


Linear power warranty

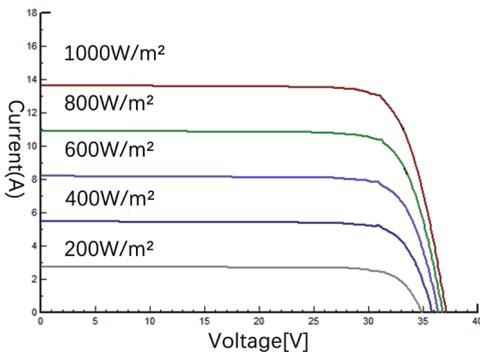
25 YEAR Linear Power Warranty

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(%)	19.54%	19.78%	20.02%
Operating Temperature	-40 °C to 85 °C		
Maximum System Voltage	1500VDC		
Maximum Series Fuse Rating	25 A		
Application Class	Class II		
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	108
Module Dimensions	L:1750*W:1170*H:3 mm L:1750*W:1170*H:18 mm(J-Box included)
Weight	5.7kg
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 coefficients of Pmax	-0.38%/°C
Temperature coefficients of Voc	-0.28%/°C
Temperature coefficients of Isc	0.020%/°C

Packaging

Container	20'GP	40'HQ
Pieces per pallet	70	70
Pieces per container	420	840



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