



Harmony Fab

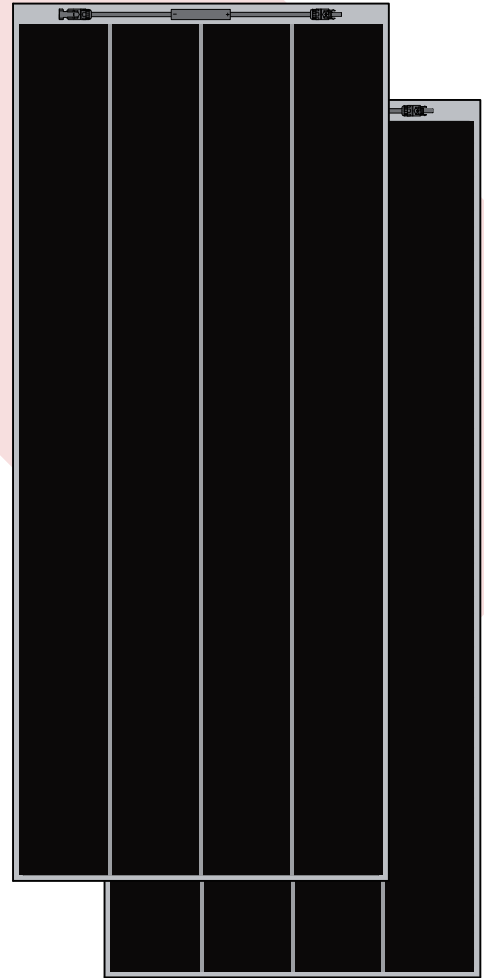
汉 摩 尼 光 电

Shingle-F

HARMONY FAB

200W

Flexible Solar Panel

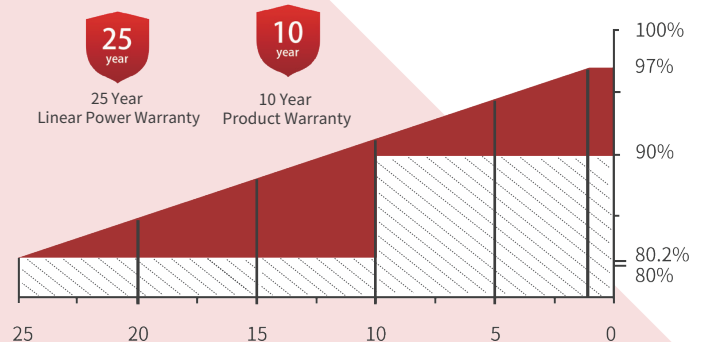


Quality system: ISO 9001: 2005



Linear Performance Warranty

linear power warranty



Light Weight

Frameless, Glass free



Flexibility

Special manufacturing process and materials provide bending ability



Aesthetic Appearance

Shingling Tech., High Consistency



Easy Installation

Light weight, easy for handling



Customized

Provide Customized Service

ELECTRICAL CHARACTERISTICS

STC	HMN-200-EWAS
Maximum Power (P_{max})	200W
Maximum Power Voltage (V_{mp})	27.7V
Maximum Power Current (I_{mp})	7.23A
Open-circuit Voltage (V_{oc})	33.5V
Short-circuit Current (I_{sc})	7.62A
Module Efficiency (%)	19.09%
Operating Temperature	-40 °C to 85 °C
Maximum System Voltage	600VDC
Maximum Series Fuse Rating	15A
Application Class	Class A
Power Tolerance	0~+5W

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

MECHANICAL CHARACTERISTICS

Solar Cell	Monocrystalline silicon cell
No. of cells	200 (4*50)
Module Dimensions	L:1564*W:670*H:18mm
Weight	3.5 kg
Backsheet	White PV Backsheet
J-Box	IP 67
Output cables	4mm ²
Cable length	(+)/(-) 300mm
Connector	MC4 compatible

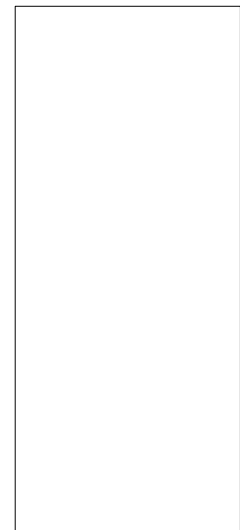
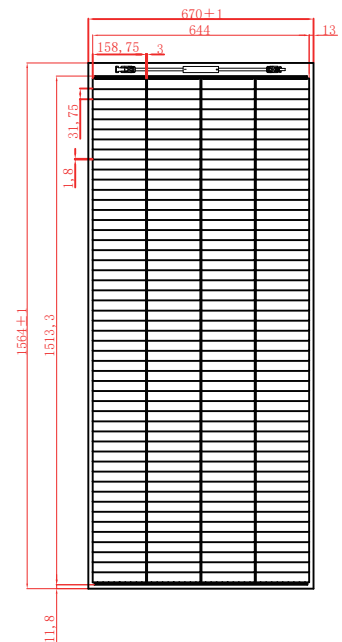
TEMPERATURE CHARACTERISTICS

NOCT (Nominal Operating Cell Temperature)	41 ± 2°C
Temperature Coefficient of P_{max}	-0.38%/°C
Temperature Coefficient of V_{oc}	-0.28%/°C
Temperature Coefficient of I_{sc}	0.020%/°C

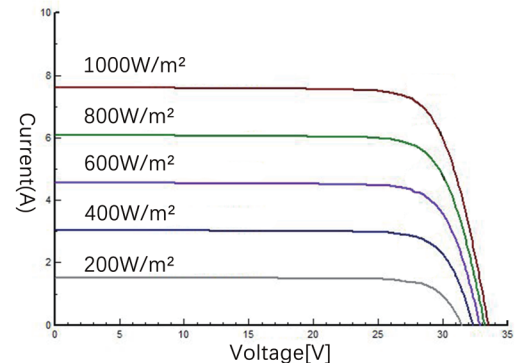
Packaging

Pieces per pallet	35
Container	40'HQ
Pieces per container	1470

CHARACTERISTICS



I-V CURVE



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