



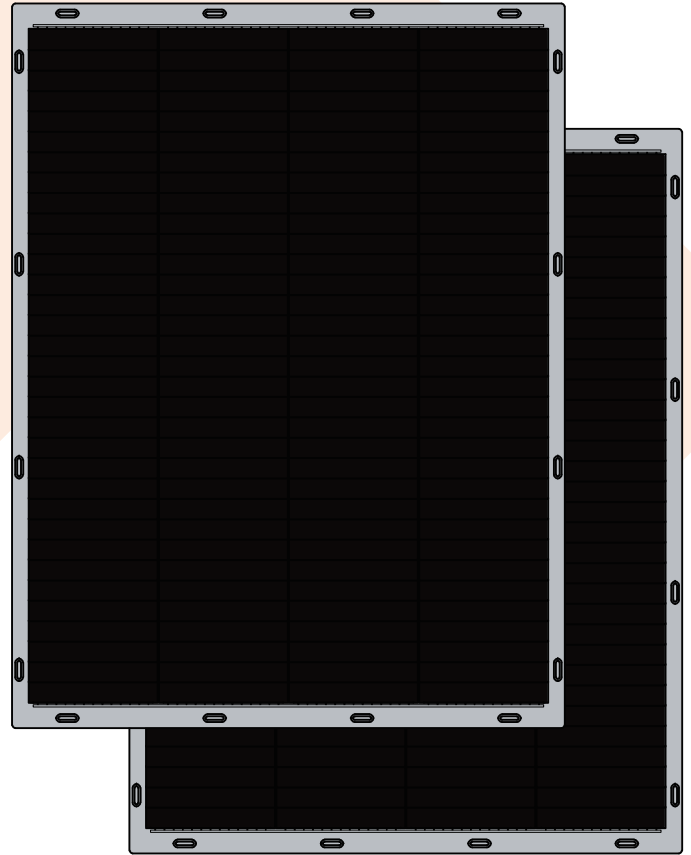
Loada Solar

Shingle-F

LOADA SOLAR

200W

Flexible Solar Panel



Light Weight
Frameless, Glass free



Flexibility
Special manufacturing process and materials
provide bending ability



Aesthetic Apperance
Shingling Tech., High Consistency



Easy Installation
Light weight, easy for handling



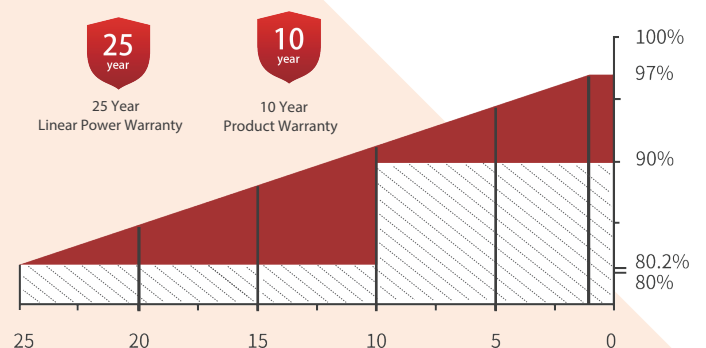
Customized
Provide Customized Service

Quality system : ISO 9001 : 2005



Linear Performance Warranty

linear power warranty



ELECTRICAL CHARACTERISTICS

STC	HMN-200-EBA
Maximum Power (P_{max})	200W
Maximum Power Voltage (V_{mp})	18.4V
Maximum Power Current (I_{mp})	11.17A
Open-circuit Voltage (V_{oc})	22.2V
Short-circuit Current (I_{sc})	11.83A
Module Efficiency (%)	19.3%
Operating Temperature	-40 to 85
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	20A
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	132 (4*33)
Module Dimensions	L:1180*W:900*H:3,5 mm
Weight	3.6 kg
Backsheet	White PV Backsheet
J-Box	IP 67
Output cables	4mm ²
Cable length	(+)/(-) 600mm
Connector	MC4 compatible

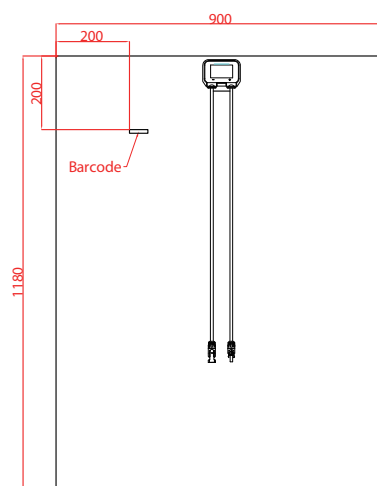
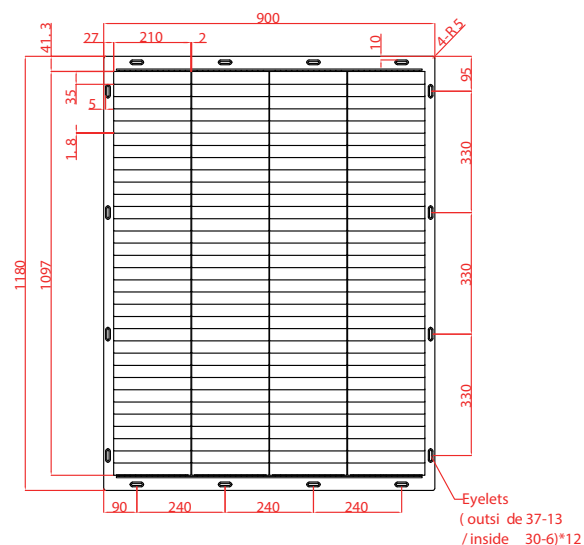
TEMPERATURE CHARACTERISTICS

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

Packaging

Pieces per pallet	34
Container	20' GP
Pieces per container	544
Container	40' GP
Pieces per container	1224

CHARACTERISTICS



I-V CURVE

