



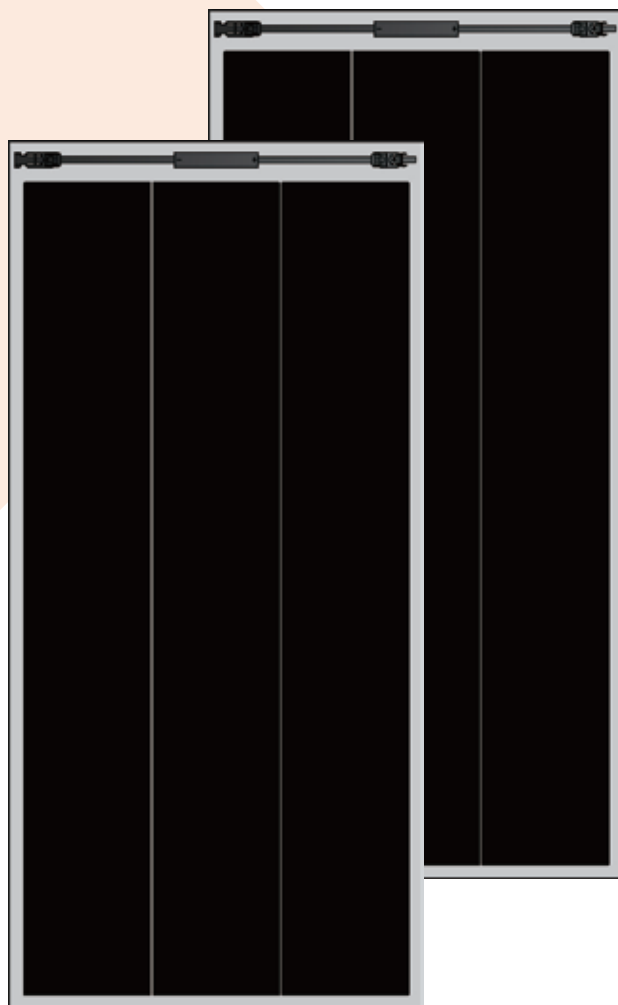
Loada Solar

Shingle-F

LOADA SOLAR

100W

Flexible Solar Panel



Light Weight

Frameless, Glass free



Flexibility

Bending ability through special manufacturing process and materials



Aesthetic Apperance

Shingling Tech., High Consistency



Easy Installation

Light weight, easy to handle



Customized

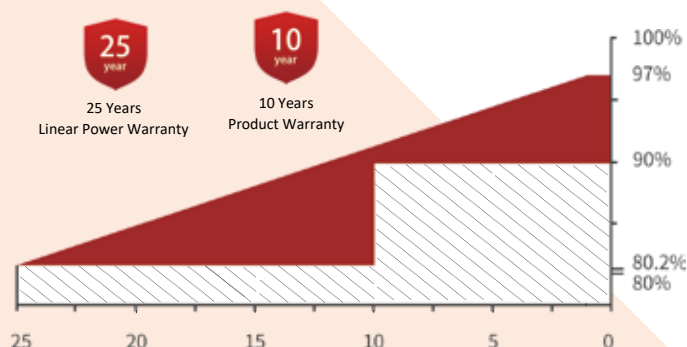
Provide Customized Service

Quality System : ISO 9001 : 2005



Linear Performance Warranty

linear power warranty



ELECTRICAL CHARACTERISTICS

STC	HMN-100-EWAS
Maximum Power (P_{max})	100W
Maximum Power Voltage(V_{mp})	18.4V
Maximum Power Current(I_{mp})	5.51A
Open-circuit Voltage(V_{oc})	22.3V
Short-circuit Current(I_{sc})	5.88A
Module Efficiency(%)	17.60%
Operating Temperature	-40 °C to 85 °C
Maximum System Voltage	600VDC
Maximum Series Fuse Rating	15A
Applic ation Class	Class A
Power Tolerance	0~+5W

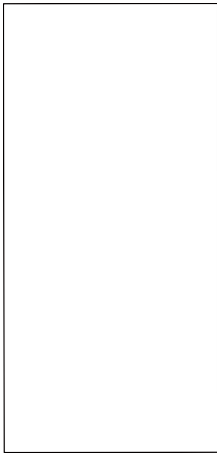
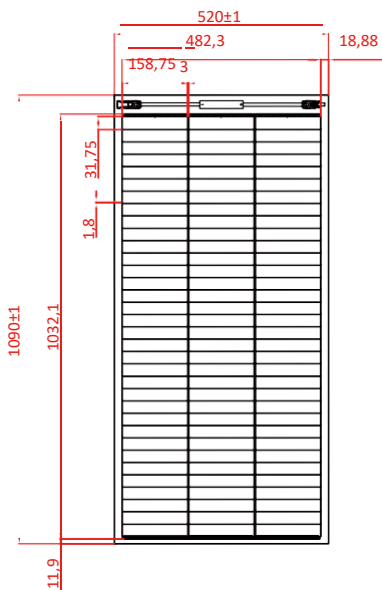
MECHANICAL CHARACTERISTICS

Solar Cell	Monocrystalline silicon cell
No. of cells	102 (3*34)
Module Dimensions	L:1090*W:520*H:18 mm
Weight	2.4 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)	45 ± 2°C
Temperature Coefficient of ISC	-0.45%/°C
Temperature Coefficient of Voc(β)	-0.38%/°C
Temperature Coefficient of Pmpp(γ)	-0.037%/°C

CHARACTERISTICS



I-V CURVE

