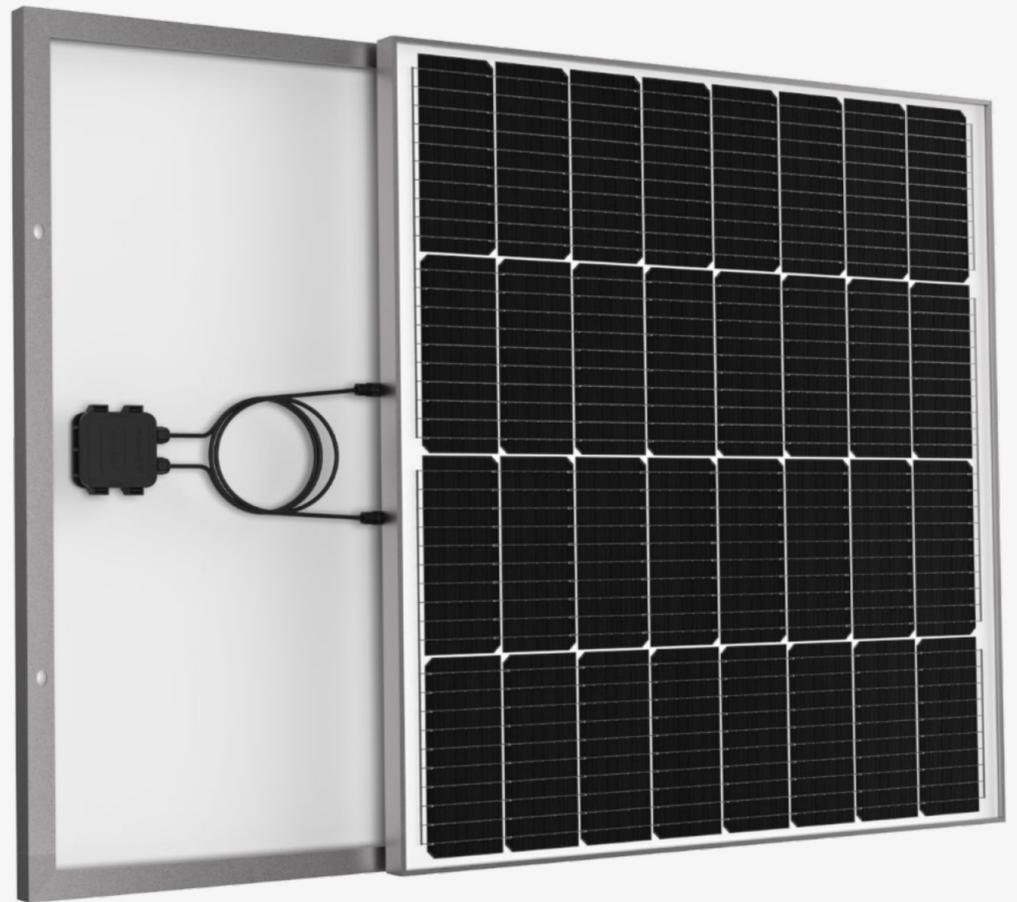


# MONOCRYSTALLINE

## GM100W

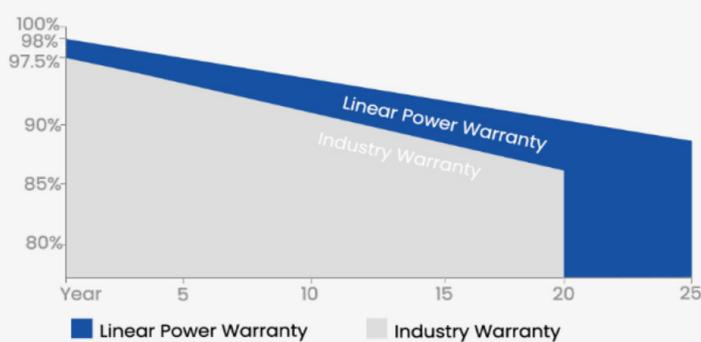
### 182 Mono Solar Module



#### Quality Guarantee

5-Year Warranty for Materials and Processing

25-Year Warranty for Extra Linear Power Output



#### Multiple Main Grid Design

Better light utilization and current collection capability, effectively improve product power output and reliability.

#### Adaptability To Harsh Environments

Third party certification through high salt spray and high ammonia corrosion test.

#### Comprehensive Certificates

IEC61215, IEC61701, IEC61730

ISO9001:2015 Quality management systems

ISO45001: Environmental management systems

ISO45001:2018 Occupational health and safety management systems

#### Anti PID Guarantee

The attenuation rate caused by PID phenomenon is minimized by battery production technology optimization and material control.

#### Capacity Of Load

The whole assembly passes 2400Pa wind load and 5400Pa snow load.



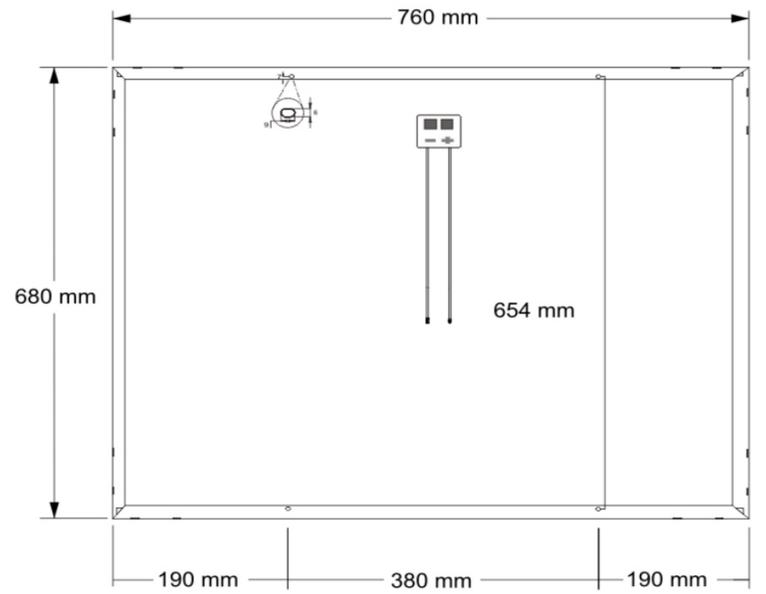
# GM100W

## Electrical Parameters at (STC)

Power	100W
Module Efficiency	19.30%
Voltage at Pmax (Vmp)	18.24V
Current at Pmax (Imp)	5.48A
Open Circuit Voltage (Voc)	21.80V
Short Circuit Current (Isc)	5.81A
Power Tolerance (W)	±3%

## Mechanical Parameters

Solar Cell (Type/Size)	Mono(182mm)
Solar Cells Number	32Pcs(4*8)
Dimension	680*760*25mm
Weight	6.30KG/Pcs
Tempered Glass	3.2mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67/1*bypass diode
Cable	2.0mm <sup>2</sup> /500mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA



Mechanical Diagrams

## Packing

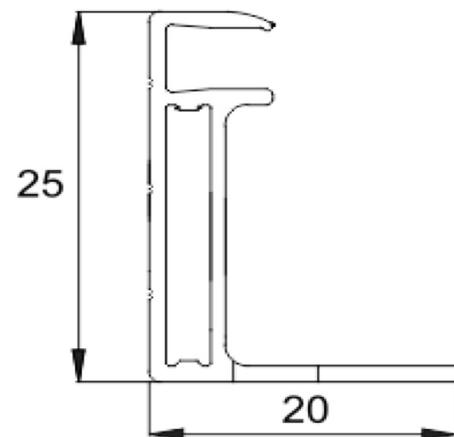
Carton Size	690*770*60mm
Number	2Pcs/Ctn
Weight	13KG/Ctn
Volume	0.032Cbm/Ctn
20GP Container	1600 Pcs
40HQ Container	4164 Pcs

## STC

Light intensity	1000W/m <sup>2</sup>
Battery temperature	25°C
Atmosphere quality	15

## NOCT

Light intensity	800W/m <sup>2</sup>
Battery temperature	20°C
Atmosphere quality	15
Wind velocity	1m/s



Units: mm/±2

## Characteristics

