

MONOCRYSTALLINE

GM120W

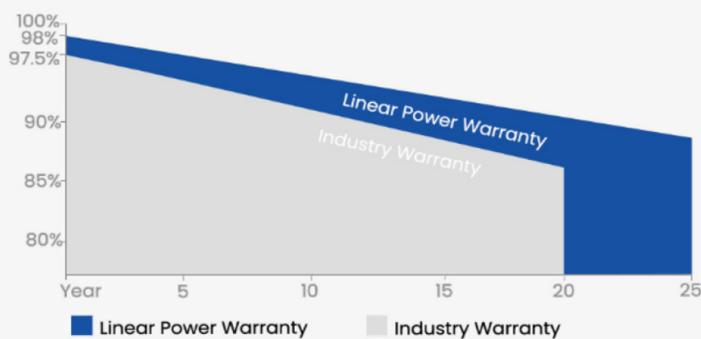
182 Mono Solar Module



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.



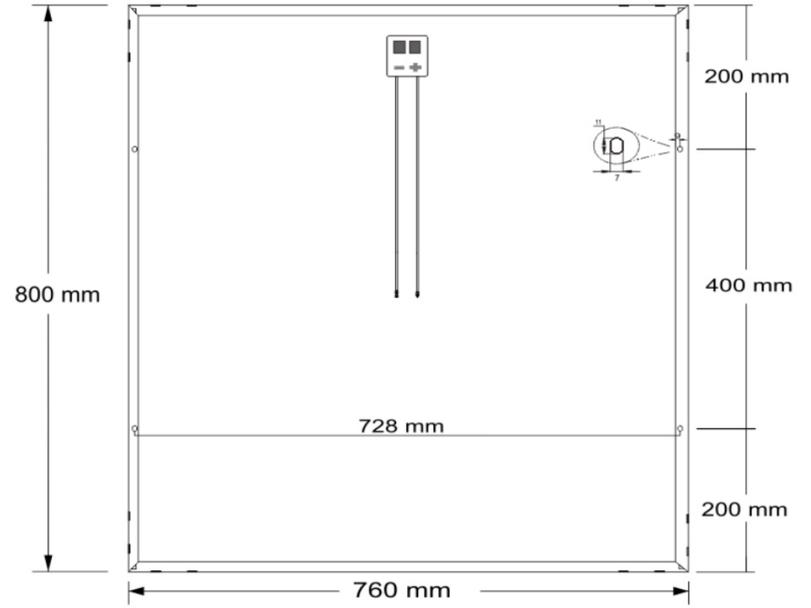
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Electrical Parameters at (STC)

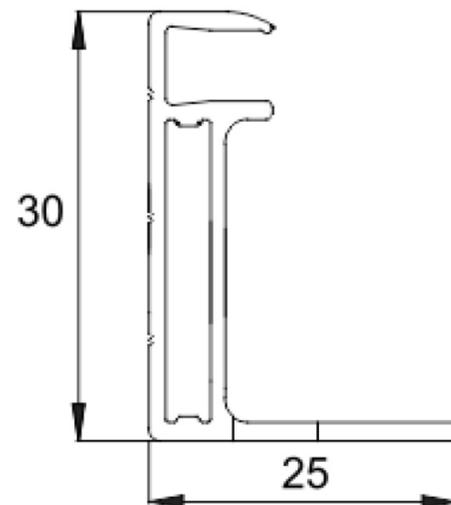
Power (W)	120W
Module Efficiency (%)	19.70%
Voltage at Pmax (Vmp)	18.24V
Current at Pmax (Imp)	6.58A
Open Circuit Voltage (Voc)	21.80V
Short Circuit Current (Isc)	6.97A
Power Tolerance (W)	±3%

Mechanical Parameters

Solar Cell (Type/Size)	Mono(182mm)
Solar Cells Number	32Pcs(4*8)
Dimension	800*760*30mm
Weight	7.30KG/Pcs
Tempered Glass	3.2mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67/1*bypass diode
Cable	2.0mm ² /500mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA



Mechanical Diagrams



Units: mm/±2

Packing

Carton Size	810*770*70mm
Number	2Pcs/Ctn
Weight	15KG/Ctn
Volume	0.044Cbm/Ctn
20GP Container	1096 Pcs
40HQ Container	2976 Pcs

STC

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

NOCT

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

Characteristics

