

Mono 182

PMS300W-60M182

Mono Solar Module



Multiple Main Grid Design

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

Anti PID Guarantee

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

Adaptability To Harsh Environments

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

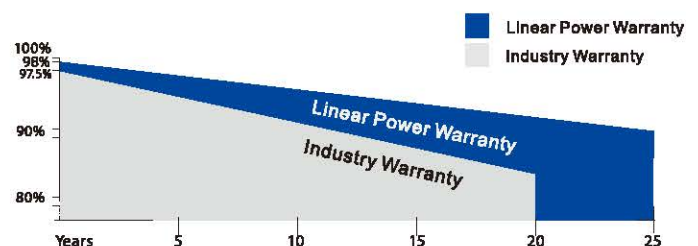
Capacity Of Load

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

Quality Guarantee

5-Year Warranty for Materials and Processing

25-Year Warranty for Extra linear Power Output

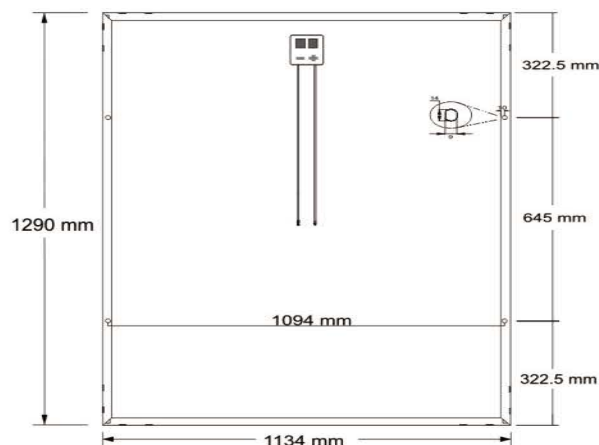


Electrical Parameters at (STC)

Power (W)	300W
Module Efficiency (%)	20.50%
Voltage at Pmax (Vmp)	34.20V
Current at Pmax (Imp)	8.77A
Open Circuit Voltage (Voc)	41.04V
Short Circuit Current (Isc)	9.30A
Power Tolerance (W)	±3%

Mechanical Parameters

Solar Cell (Type/Size)	Mono(182mm)
Solar Cells Number	60Pcs(6*10)
Dimension	1290*1134*35mm
Weight	14.30KG/Pcs
Tempered Glass	3.2mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67/3*bypass diode
Cable	4mm²/900mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA



Mechanical Diagrams

Packing

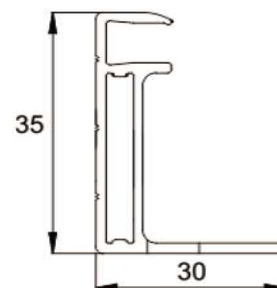
Carton Size	1305*1149*83mm
Number	2Pcs/Ctn
Weight	29KG/Ctn
Volume	0.124Cbm/Ctn
20GP Container	296 Pcs
40HQ Container	976 Pcs

STC

Light intensity	1000W/m²
Battery temperature	25°C
Atmosphere quality	1.5

NOCT

Light intensity	800W/m²
Battery temperature	20°C
Atmosphere quality	1.5
Wind velocity	1m/s



Units: mm/±2

Characteristics

