

Mono 182

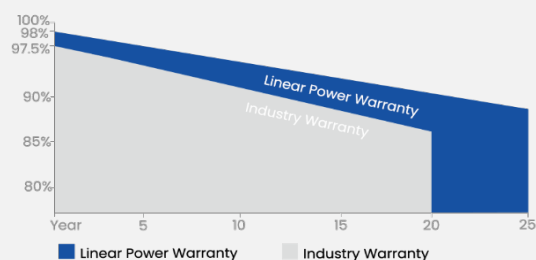
QN-182M45034

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.

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.

Comprehensive Certificates

IEC61215, IEC61701, IEC61730

ISO9001:2015 Quality management systems

ISO45001:Environmental management systems

ISO45001:2018 Occupational health and safety management systems

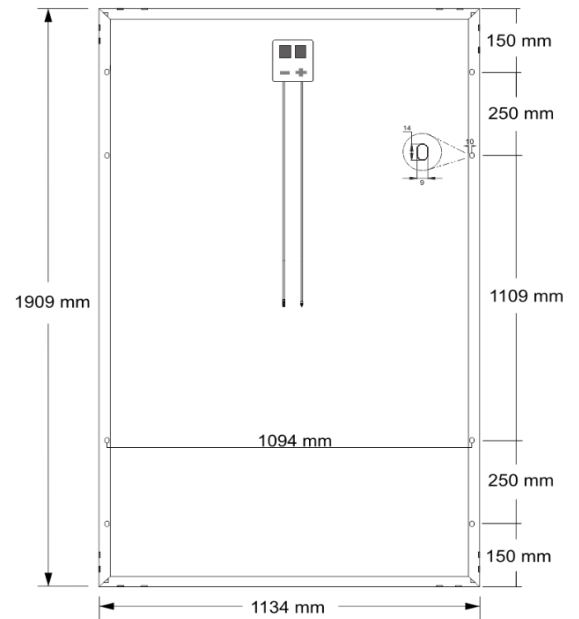


Electrical Parameters at (STC)

Power (W)	450W
Module Efficiency (%)	20.80%
Voltage at Pmax (Vmp)	34.20V
Current at Pmax (Imp)	13.16A
Open Circuit Voltage (Voc)	41.04V
Short Circuit Current (Isc)	13.95A
Power Tolerance (W)	±3%

Mechanical Parameters

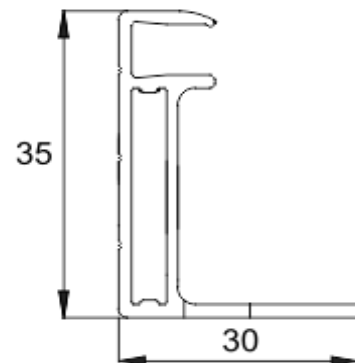
Solar Cell (Type/Size)	Mono(182mm)
Solar Cells Number	60Pcs(6*10)
Dimension	1909*1134*35mm
Weight	22.9KG/Pcs
Tempered Glass	3.2mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67/3*bypass diode
Cable	4mm ² /900mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA



Mechanical Diagrams

Packing

Carton Size	1924*1149*83mm
Number	2Pcs/Ctn
Weight	46KG/Ctn
Volume	0.183Cbm/Ctn
20GP Container	248 Pcs
40HQ Container	696 Pcs



Units: mm/±2

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