

# Mono 210

## QN-210M40044

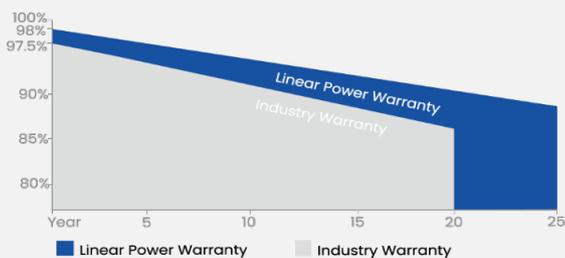
### 210 Mono Solar Module



#### 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

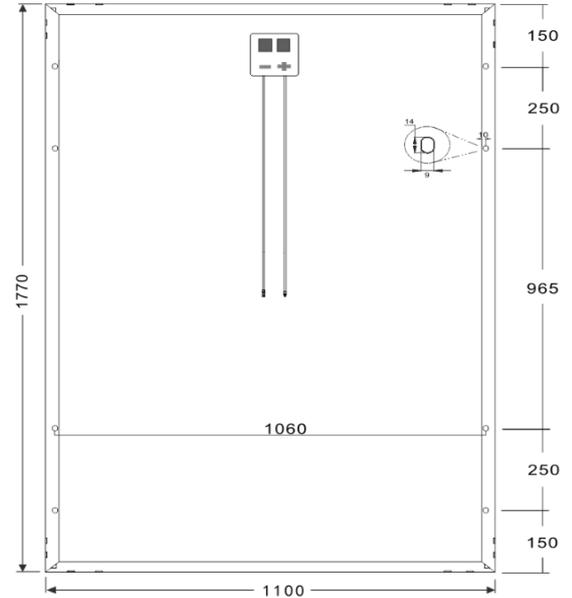


### Electrical Parameters at (STC)

Power	400W
Module Efficiency	20.6%
Voltage at Pmax (Vmp)	44.8V
Current at Pmax (Imp)	8.92A
Open Circuit Voltage (Voc)	54.72V
Short Circuit Current (Isc)	9.45A
Power Tolerance (W)	±3%

### Mechanical Parameters

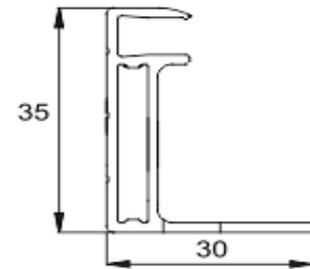
Solar Cell (Type/Size)	Mono(210mm)
Solar Cells Number	80Pcs(5*16)
Dimension	1770*1100*35mm
Weight	21KG
Tempered Glass	3.2mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67/3*bypass diode
Cable	4mm <sup>2</sup> /1000mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA



Mechanical Diagrams

### Packing

Carton Size	1780*1110*85mm
Number	2Pcs/Ctn
Weight	44KG
Volume	0.168Cbm/Ctn
20GP Container	338 Pcs
40HQ Container	845 Pcs



Units: mm/±2

### 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

### Characteristics

