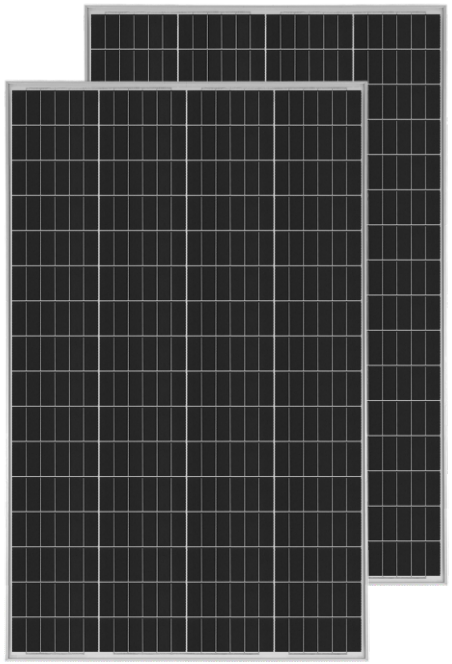
Module Picture



QN-210M32036.2

INTRODUCTION

qnhalf-cut single / double glass module, assembled with multi-busbar PERC technique and half-cut structure, which can not only absorb the energy from the front of the module, but also absorb the reflected light and the scattered light from the back, offer the advantages of higher power output, reduce shading effect on the energy generation, enhance the mechanical load bearing capacity as well.

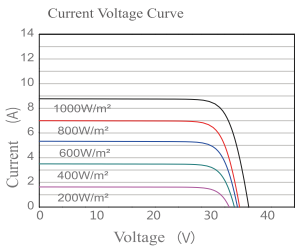
LCOE save 6-8%

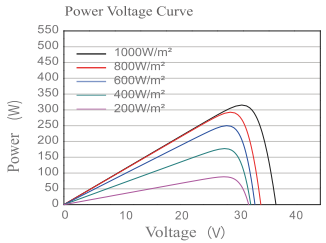
- ↓9% Saving labor cost
- ↓7% Saving cable cost
- ↓8% Saving bracket cost
- ↓6% Saving logistics cost

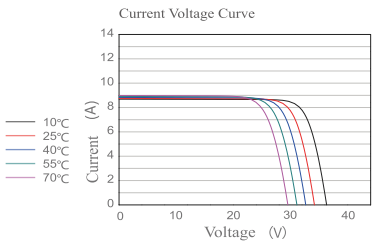
Electrical Parameters at (STC)

Power (W)	Module Efficiency(%)	Voltage at Pmax(Vmp)	Current at Pmax(Imp)	Open Circuit Voltage(Voc)	Short Circuit Current(Isc)	Power Tolerance(w)
320W	20.54%	36.20	8. 83	43.77	9. 35	±3%

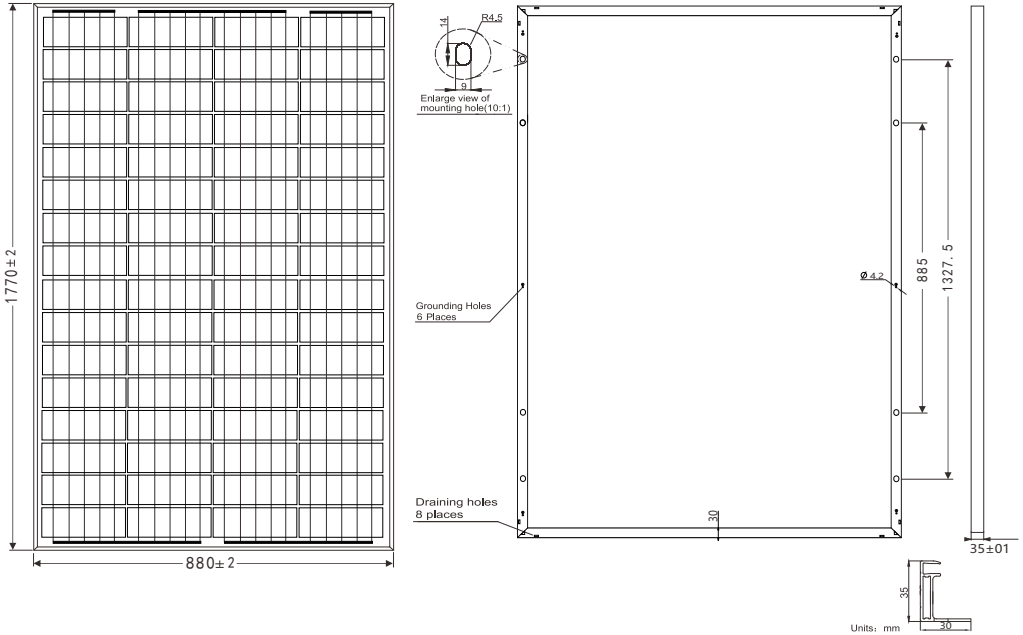
- IEC61215, IEC61730
- ISO9001:2015 Quality management systems
- ISO45001: Environmental management systems
- ISO45001:2018 Occupational health and safety management systems







Mechanical Diagrams



PS:Frame color and cable length can be customized

Mechanical Parameters

Solar Cell(Type/Size)	MONO(210mm)
Solar Cells Number	64Pcs(4x16)
Dimension	1770x880x35mm
Weight	Kg/Pcs
Tempered Glass	3.2 mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67、3*bypass diode
Cable	4.0mm², (+) 1000mm/ (−) 1000mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA

Packing

Module Type	QN-210M32036.2
Carton Size	1785x885x85mm
Number	2Pcs/Ctn
Weight	Kg/Ctn
Volume	Cbm/Ctn
20GP Container	Pcs
40HQ Container	Pcs

STC: Light intensity 1000W/m² Battery temperature:25℃ atmosphere quality=15

NOCT: Light intensity 800W/m² Battery temperature:20℃ atmosphere quality=15 wind velocity 1m/s