

# Module Picture



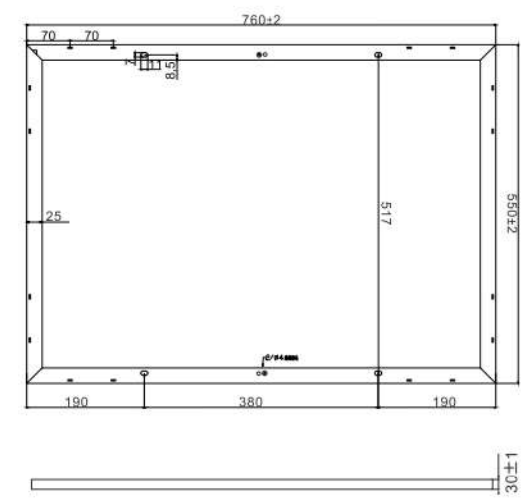
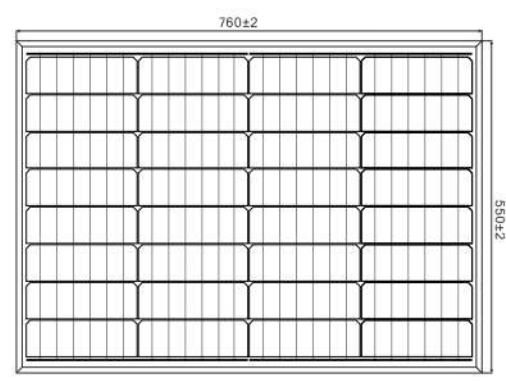
## NG080M-32

### Comprehensive Certificates

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



# Mechanical Diagrams

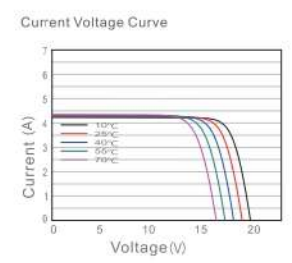
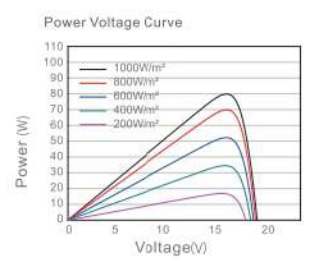
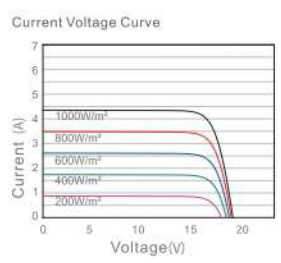


PS: Frame color and cable length can be customized

# Electrical Parameters at (STC)

Module	Power (W)	Module Efficiency(%)	Voltage at Pmax(Vmp)	Current at Pmax(Imp)	Open Circuit Voltage(Voc)	Short Circuit Current(Isc)	Power Tolerance(w)
NG080M	80W	19.10%	18.24	4.39	21.80	4.65	±3%

# Characteristics



Mechanical Parameters	
Solar Cell(Type/Size)	MONO(182mm)
Solar Cells Number	32Pcs(4x8)
Dimension	550x760x30mm
Weight	5.30Kg/Pcs
Tempered Glass	3.2 mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67, 1*bypass diode
Cable	2.0mm², (+)500mm/(-)500mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA

Packing	
Module Type	NG080M-32
Carton Size	570x780x75mm
Number	2Pcs/Ctn
Weight	11Kg/Ctn
Volume	0.030Cbm/Ctn
20GP Container	1776Pcs
40HQ Container	4032Pcs

- 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