

# Module Picture



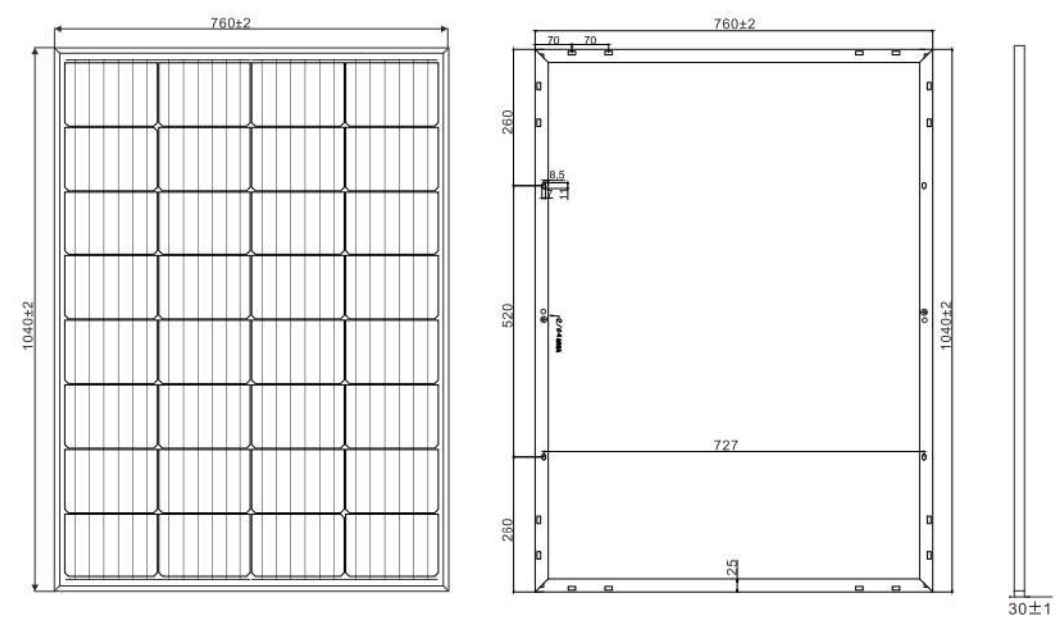
## NG160M-32

### 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

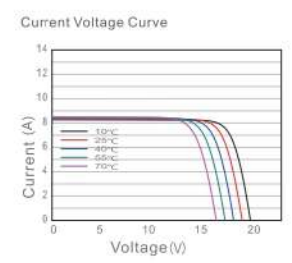
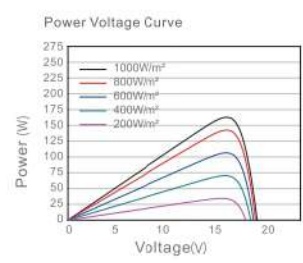
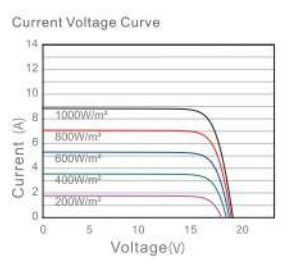
# Electrical Parameters at (STC)

Module	Power (W)	Module Efficiency(%)	Voltage at Pmax(Vmp)	Current at Pmax(Imp)	Open Circuit Voltage(Voc)	Short Circuit Current(Isc)	Power Tolerance(w)
NG160M	160W	20.20%	18.24	8.77	21.80	9.30	±3%

Mechanical Parameters	
Solar Cell(Type/Size)	MONO(182mm)
Solar Cells Number	32Pcs(4x8)
Dimension	1040x760x30mm
Weight	8.30Kg/Pcs
Tempered Glass	3.2 mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67, 2*by-pass diode
Cable	2.5mm <sup>2</sup> , (+)700mm/(-)700mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA

Packing	
Module Type	NG160M-32
Carton Size	1060x780x75mm
Number	2Pcs/Ctn
Weight	17Kg/Ctn
Volume	0.062Cbm/Ctn
20GP Container	984Pcs
40HQ Container	2280Pcs

# Characteristics



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