

Module Picture



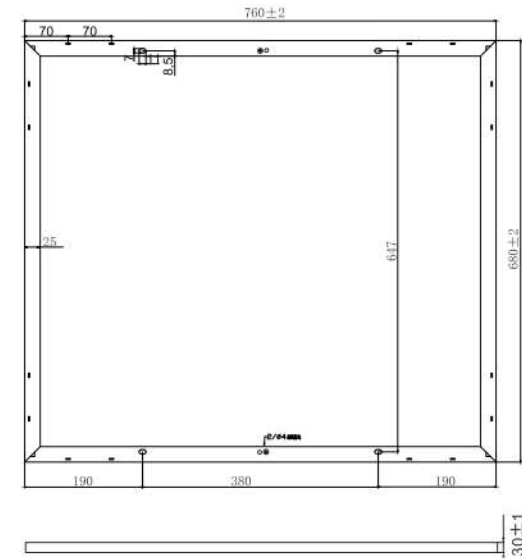
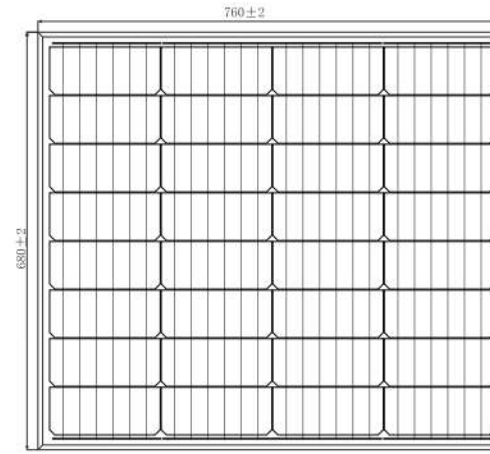
NG100M-32

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)

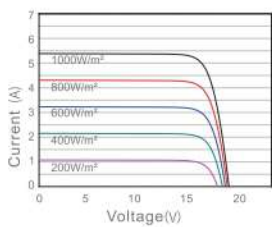
Module	Power (W)	Module Efficiency(%)	Voltage at Pmax(Vmp)	Current at Pmax(Imp)	Open Circuit Voltage(Voc)	Short Circuit Current(Isc)	Power Tolerance(w)
NG100M	100W	19.30%	18.24	5.48	21.80	5.81	±3%

Mechanical Parameters	
Solar Cell(Type/Size)	MONO(182mm)
Solar Cells Number	32Pcs(4x8)
Dimension	680x760x30mm
Weight	6.30Kg/Pcs
Tempered Glass	3.2 mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67, 1*bypass diode
Cable	2.0mm ² , (+)500mm/(-)500mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA

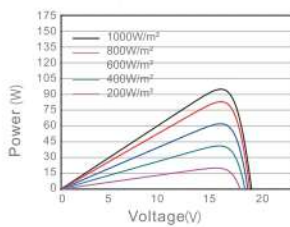
Packing	
Module Type	NG100M-32
Carton Size	700x780x75mm
Number	2Pcs/Ctn
Weight	13Kg/Ctn
Volume	0.040Cbm/Ctn
20GP Container	1494Pcs
40HQ Container	3366Pcs

Characteristics

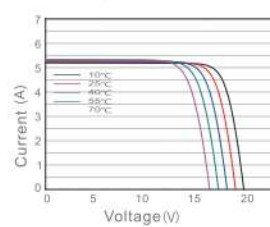
Current Voltage Curve



Power Voltage Curve



Current Voltage Curve



- STC: ☀️ Light intensity 1000W/m² 🔋 Battery temperature: 25°C ☁️ atmosphere quality=15
- NOCT: ☀️ Light intensity 800W/m² 🔋 Battery temperature: 20°C ☁️ atmosphere quality=15 🌀 wind velocity 1m/s