

# SP100M-32

## Comprehensive Certificates

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

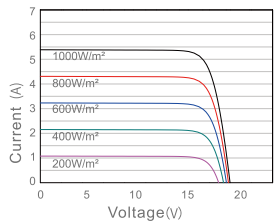


## Electrical Parameters at (STC)

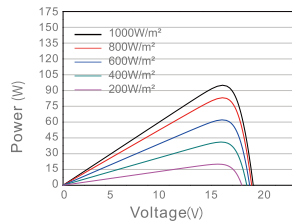
Module	Power (W)	Module Efficiency(%)	Voltage at Pmax(Vmp)	Current at Pmax(Imp)	Open Circuit Voltage(Voc)	Short Circuit Current(Isc)	Power Tolerance(w)
SP100M	100W	19.30%	18.24	5.48	21.80	5.81	±3%

## Characteristics

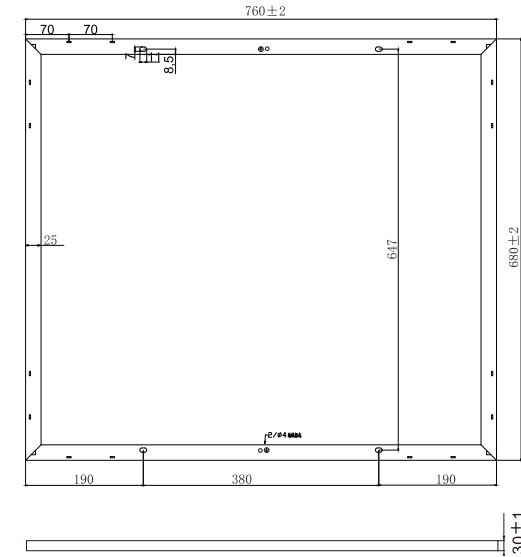
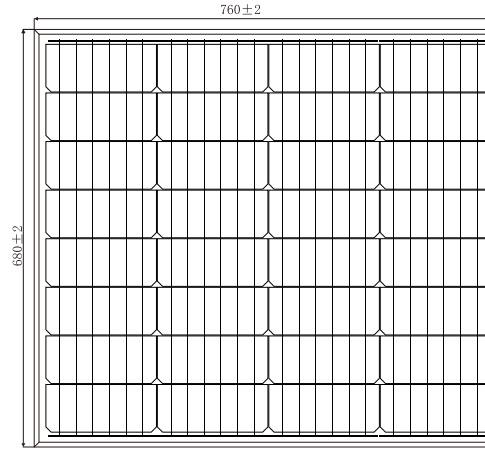
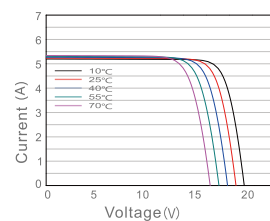
Current Voltage Curve SP100M/32



Power Voltage Curve SP100M/32



Current Voltage Curve SP100M/32



PS:Frame color and cable length can be customized

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	2.0mm², (+)500mm/(-)500mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA

Packing	
Module Type	SP100M-32
Carton Size	700x780x75mm
Number	2Pcs/Ctn
Weight	13Kg/Ctn
Volume	0.040Cbm/Ctn
20GP Container	1494Pcs
40HQ Container	3366Pcs

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