

# SOLE

S O L A R

GREEN ENERGY ADVOCATES

## 190—210W

solar panel with 40 cells 210MM solar cells



### Product Feature



#### M Busbar Solar Cell

M busbar solar cell adopts new technology to improve the efficiency of modules



#### High Voltage

UL and IEC 1500V certified; lowers BOS costs and yields better LCOE



#### High Efficiency

Higher module conversion efficiency (up to 20.37%) benefit from half cell structure (low resistance characteristic)



#### Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment



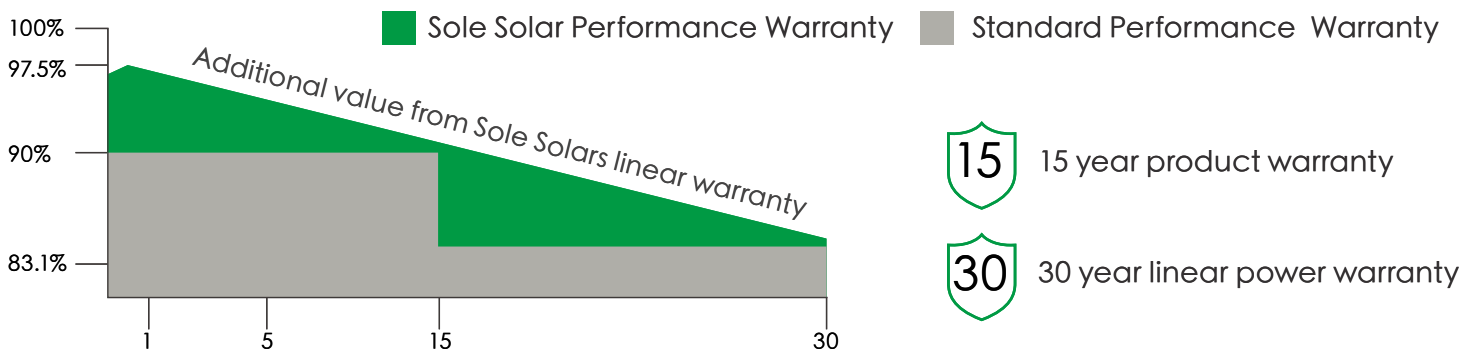
#### Durability of extreme conditions

High salt mist and ammonia resistance certified by TUV NORD



#### Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



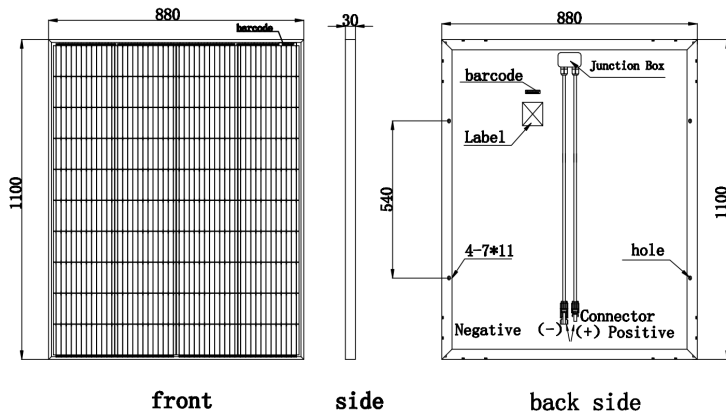
### Mono Crystalline Essential Parameter (STC 1000W/M<sup>2</sup> Cell Temperature 25°C AM=1.5)

Model Type	SS190M-40	SS195M-40	SS200M-40	SS205M-40	SS210M-40
Power(w)	190	195	200	205	210
Number of Cells	40 (4*10)	40 (4*10)	40 (4*10)	40 (4*10)	40 (4*10)
Dimensions(MM)	1100*880*30	1100*880*30	1100*880*30	1100*880*30	1100*880*30
Weight(KG)	10	10	10	10	10
Vmp(v)	21.70	21.90	22.10	22.30	22.50
Imp (A)	8.76	8.90	9.05	9.19	9.33
Voc(v)	26.90	27.10	27.30	27.50	27.7
Isc(A)	9.23	9.34	9.45	9.56	9.72
Module Efficiency	19.6%	20.1%	20.7%	21.2%	21.7%

### Mono Crystalline Essential Parameter (NOCT 800W/M<sup>2</sup> Ambient Temperature 20°C AM=1.5)

Model Type	SS190M-40	SS195M-40	SS200M-40	SS205M-40	SS210M-40
Power(w)	145.96	149.81	153.65	157.49	161.33
Number of Cells	40 (4*10)	40 (4*10)	40 (4*10)	40 (4*10)	40 (4*10)
Dimensions(MM)	1100*880*30	1100*880*30	1100*880*30	1100*880*30	1100*880*30
Weight(KG)	10	10	10	10	10
Vmp(v)	19.78	19.96	20.15	20.33	20.51
Imp (A)	7.38	7.50	7.63	7.75	7.87
Voc(v)	24.84	25.02	25.21	25.39	25.58
Isc(A)	7.85	7.94	8.03	8.12	8.26
Module Efficiency	19.6%	20.1%	20.7%	21.2%	21.7%

### Mechanical Drawings



### Temperature Rating

Rated battery operating temperature	45±2°C
Maximum power temperature coefficient	-0.4%/°C
Open circuit voltage temperature coefficient	-0.29%/°C
Short circuit current temperature coefficient	-0.05%/°C

### Limit parameter

Operating temperature	-40-+85°C
Maximum system voltage	1000/1500VDC
Maximum fuse rated current	20A

### Mechanical Characteristics

Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 rated
Connectors	MC4 compatible

### Packing Configuration

Container	20GP	40HQ
Pallets per container	10	22
Pieces per container	780	1740

## CONTACT INFORMATION

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**CONTACT US!**