

# SOLE SOLAR

GREEN ENERGY ADVOCATES

565—585W  
Standard 144 Cells Crystalline PV Module



### 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



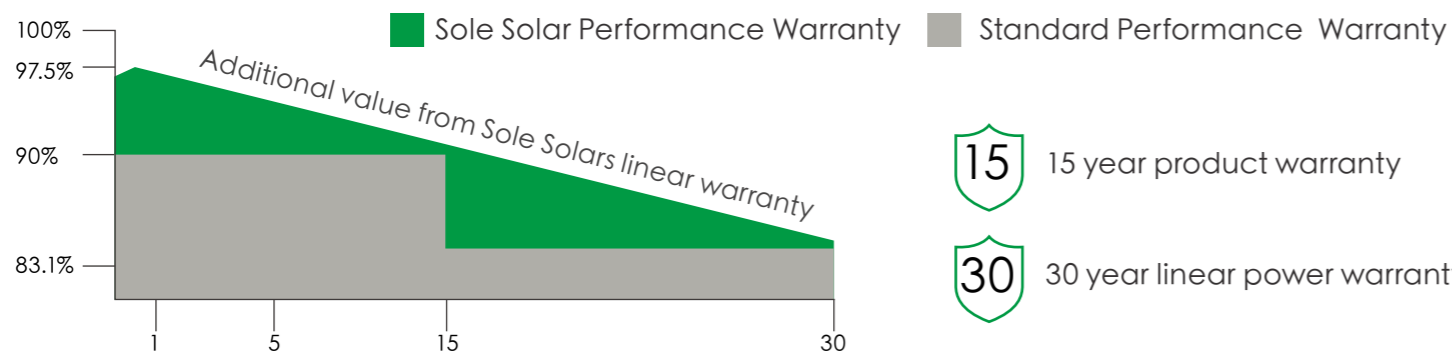
#### Durability of extreme conditions

High salt mist and ammonia resistance certified by TÜV NORD



#### Severe Weather Resilience

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



<https://www.solesolarpv.com/>



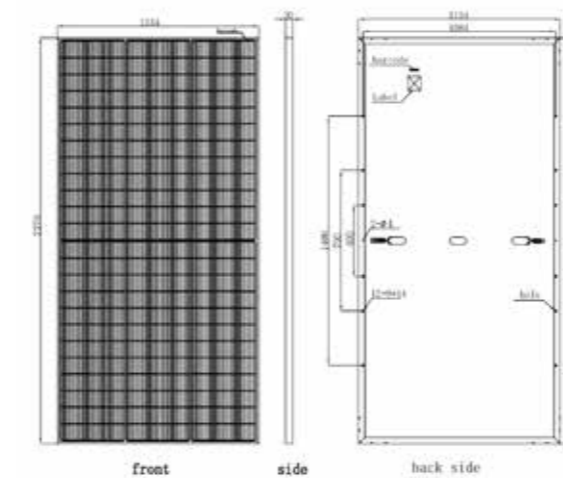
### Mono Crystalline Essential Parameter (STC 1000W/M Module Temperature 25°C A.M.1.5)

Model Type	SS565S8-144	SS570S8-144	SS575S8-144	SS580S8-144	SS585S8-144
Power(w)	565	570	575	580	585
Number of Cells	144 (6*24)	144 (6*24)	144 (6*24)	144 (6*24)	144 (6*24)
Dimensions(MM)	2279*1134*30	2279*1134*30	2279*1134*30	2279*1134*30	2279*1134*30
Weight(KG)	27	27	27	27	27
Vmp(v)	42.50	42.55	42.60	42.65	42.70
Imp (A)	13.29	13.40	13.50	13.60	13.70
Voc(v)	50.50	50.60	50.70	50.80	50.90
Isc(A)	14.26	14.35	14.44	14.54	14.62
Module Efficiency	21.9%	22.1%	22.2%	22.4%	22.6%

### Mono Crystalline Essential Parameter (NOCT 800W/M Environment Temperature 20°C A.M.1.5)

Model Type	SS565S8-144	SS570S8-144	SS575S8-144	SS580S8-144	SS585S8-144
Power(w)	425	429	433	436	440
Number of Cells	144 (6*24)	144 (6*24)	144 (6*24)	144 (6*24)	144 (6*24)
Dimensions(MM)	2279*1134*30	2279*1134*30	2279*1134*30	2279*1134*30	2279*1134*30
Weight(KG)	27	27	27	27	27
Vmp(v)	39.92	39.97	40.02	40.07	40.11
Imp (A)	10.65	10.73	10.81	10.89	10.97
Voc(v)	47.99	48.09	48.18	48.28	48.37
Isc(A)	11.46	11.53	11.59	11.67	11.74
Module Efficiency	21.9%	22.1%	22.2%	22.4%	22.6%

### Mechanical Drawings



### Mechanical Characteristics

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

### 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	1500VDC
Maximum fuse rated current	25A

### Packing Configuration

Container	20'GP	40'HQ
Pallets per container	5	10
Pieces per container	180	720

### CONTACT INFORMATION

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