

# SOLE SOLAR

GREEN ENERGY ADVOCATES

**390—415W**  
solar panel with 108 cells 182MM solar cells



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

Model Type	SS390S8	SS395S8	SS400S8	SS405S8	SS410S8	SS415S8
Power(w)	390	395	400	405	410	415
Number of Cells	108 (6*18)	108 (6*18)	108 (6*18)	108 (6*18)	108 (6*18)	108 (6*18)
Dimensions(MM)	1724*1134*35	1724*1134*35	1724*1134*35	1724*1134*35	1724*1134*35	1724*1134*35
Weight(KG)	19.5	19.5	19.5	19.5	19.5	19.5
Vmp(v)	30.59	30.76	30.98	31.23	31.44	31.66
Imp (A)	12.75	12.84	12.91	12.97	13.04	13.11
Voc(v)	36.67	36.91	37.10	37.33	37.58	37.83
Isc(A)	13.63	13.71	13.80	13.87	13.94	14.02
Module Efficiency	19.9%	20.2%	20.4%	20.7%	20.9%	21.2%

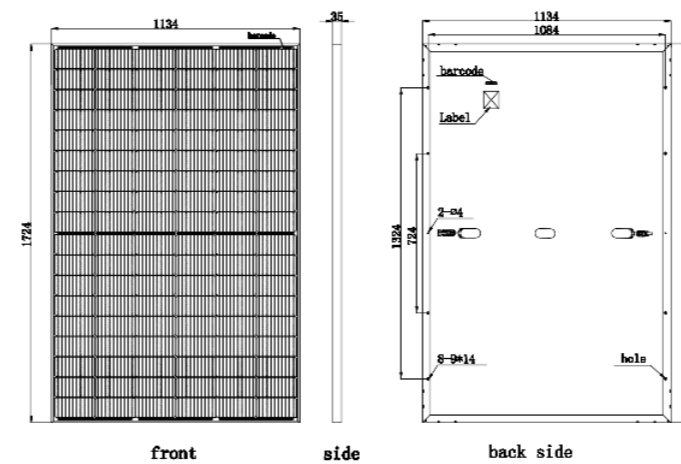
### Mono Crystalline Essential Parameter (NOCT 800W/M<sup>2</sup> Ambient Temperature 20°C AM=1.5)

Model Type	SS390S8	SS395S8	SS400S8	SS405S8	SS410S8	SS415S8
Power(w)	299.61	303.45	307.29	311.13	314.98	318.82
Number of Cells	108 (6*18)	108 (6*18)	108 (6*18)	108 (6*18)	108 (6*18)	108 (6*18)
Dimensions(MM)	1724*1134*35	1724*1134*35	1724*1134*35	1724*1134*35	1724*1134*35	1724*1134*35
Weight(KG)	19.5	19.5	19.5	19.5	19.5	19.5
Vmp(v)	27.88	28.04	28.24	28.46	28.66	28.85
Imp (A)	10.75	10.82	10.88	10.93	10.99	11.05
Voc(v)	33.86	34.08	34.25	34.47	34.70	34.93
Isc(A)	11.59	11.66	11.73	11.79	11.85	11.92
Module Efficiency	19.9%	20.2%	20.4%	20.7%	20.9%	21.2%

### Product Feature

<p><b>M Busbar Solar Cell</b> M busbar solar cell adopts new technology to improve the efficiency of modules</p>	<p><b>High Voltage</b> UL and IEC 1500V certified; lowers BOS costs and yields better LCOE</p>
<p><b>High Efficiency</b> Higher module conversion efficiency (up to 20.37%) benefit from half cell structure (low resistance characteristic)</p>	<p><b>Low-light Performance</b> Advanced glass and cell surface textured design ensure excellent performance in low-light environment</p>
<p><b>Durability of extreme conditions</b> High salt mist and ammonia resistance certified by TUV NORD</p>	<p><b>Severe Weather Resilience</b> Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).</p>

### 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

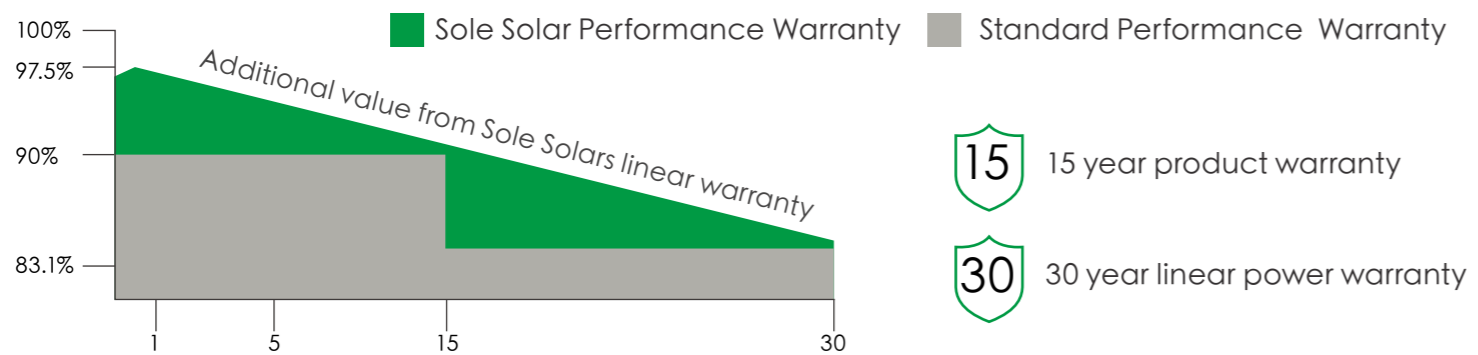
Operating temperature	-40-+85°C
Maximum system voltage	1000/1500VDC
Maximum fuse rated current	25A

### Mechanical Characteristics

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

### Packing Configuration

Container	40GP
Pieces per pallet	31
Pallets per container	26
Pieces per container	806



### CONTACT INFORMATION

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**CONTACT US!**