

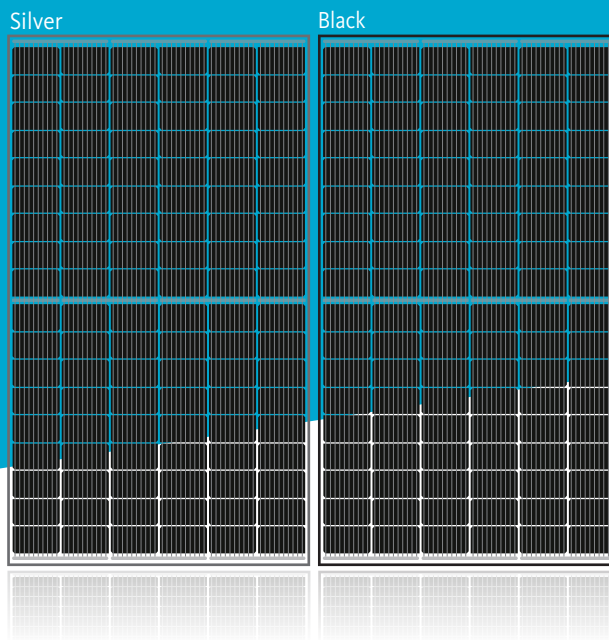
# SL65-54BGJ·BHJ 390~405W

## HALF-CUT & Transparent Series

1,500V Monocrystalline PV Module

### CERTIFICATIONS

IEC 61215, 61730 / UL 61730  
 ISO 9001: Quality Management System  
 ISO 14001: Environmental Management System  
 ISO 45001: Occupational Health & Safety System



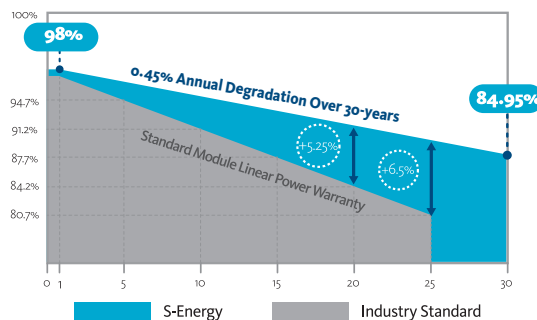
### FEATURES

- Up to 25% more energy yield due to the back side power generation**
- Low LID mono PERC bifacial cell technology**
- Excellent performance under low light conditions**  
 Cloudy days, mornings and evening
- Enhanced External Load/Impact**  
 Snow Load : 5,400 Pa  
 Wind Load : 2,400 Pa
- PID Resistance**  
 Enhanced Potential Induced Degradation Resistance
- Fire Safety**  
 Spread of Flame Class A  
 Burning Brand Class C



### WARRANTY

**12** -YEARS PRODUCT WARRANTY  
**30** -YEARS LINEAR PERFORMANCE WARRANTY



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Homepage



## ELECTRICAL CHARACTERISTICS

STC (Irradiance 1,000W/m <sup>2</sup> , module temperature 25°C, AM=1.5)	SL65-54BGI/BHJ-390V	SL65-54BGI/BHJ-395V	SL65-54BGI/BHJ-400V	SL65-54BGI/BHJ-405V
Rated Power (Pmax)	390W	395W	400W	405W
Voltage at Pmax (Vmp)	30.82V	31.00V	31.17V	31.36V
Current at Pmax (Imp)	12.66A	12.75A	12.84A	12.92A
Warranted Minimum Pmax	390W	395W	400W	405W
Short-Circuit Current (Isc)	13.50A	13.59A	13.68A	13.78A
Open-Circuit Voltage (Voc)	36.84V	37.03V	37.20V	37.36V
Module Efficiency	19.97%	20.23%	20.48%	20.74%
Operating Module Temperature	-40°C to + 85°C			
Maximum System Voltage	1,500V			
Fuse Rating	30A			
Maximum Reverse Current	40.5A			
Power Tolerance	0 ~ +5W			

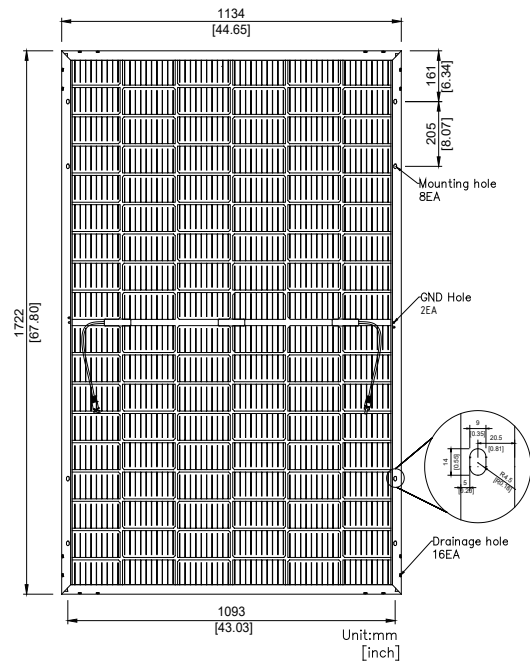
## ELECTRICAL CHARACTERISTICS back side power gain (reference to 400W front)

\*Bifaciality ≥70%

	420W	440W	460W	480W	500W
Pmax	420W	440W	460W	480W	500W
Voltage at Pmax (Vmp)	31.20V	31.20V	31.20V	31.30V	31.30V
Current at Pmax (Imp)	13.47A	14.12A	14.76A	15.35A	15.99A
Short-Circuit Current (Isc)	14.36A	15.05A	15.73A	16.42A	17.10A
Open-Circuit Voltage (Voc)	37.20V	37.20V	37.20V	37.30V	37.30V
Pmax gain	5%	10%	15%	20%	25%

## MECHANICAL CHARACTERISTICS

<b>Solar Cells</b>	Monocrystalline Bifacial Cells 182x91mm
<b>Number of Cells</b>	54 Half Cells (6x18 Matrix)
<b>Dimensions</b>	1,722 x 1,134 x 30mm
<b>Front / Rear Load</b>	5,400Pa / 2,400Pa
<b>Weight</b>	21.4kg
<b>Glass</b>	3.2mm High-Transmittance Low Iron Tempered Glass
<b>Back Sheet</b>	Transparent Back-sheet (White / Black)
<b>Frame</b>	Anodized Aluminum Frame (Silver / Black)
<b>J-Box</b>	≥ IP67 with 3 bypass diodes
<b>Output Cables</b>	PV Wire, 12AWG (4mm <sup>2</sup> ), Cable Length : 500mm * cable length can be customized
<b>Connectors</b>	MC4 Original, Compatible

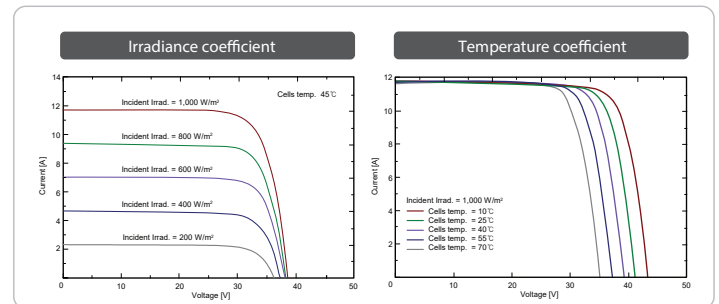


## TEMPERATURE CHARACTERISTICS

<b>Temperature coefficient of Isc</b>	0.048 % / °C
<b>Temperature coefficient of Voc</b>	-0.270 % / °C
<b>Temperature coefficient of power</b>	-0.320 % / °C
<b>NOCT</b> (Tair 20°C ; Irradiance 800W/m <sup>2</sup> ; Wind 1m/s)	45±2 °C

## PACKING CONFIGURATION

<b>Container</b>	20'	40'
<b>Modules Per Pallet</b>	36pcs	36pcs
<b>Pallets Per Container</b>	6pallets	23pallets
<b>Modules Per Container</b>	216pcs	828pcs



### REMARKS

- Pmax measurement tolerance : ±2.5%
- S-Energy uses triple A class simulator.
- Specification subject to change without prior notice.
- S-Energy reserves the rights of final interpretation.

### NOTES

Installation instruction supplied with the module must be duly followed. For further information which is not mentioned on installation guides or directions, please contact to our technical service department.  
• E-mail : Inquiry@s-energy.com