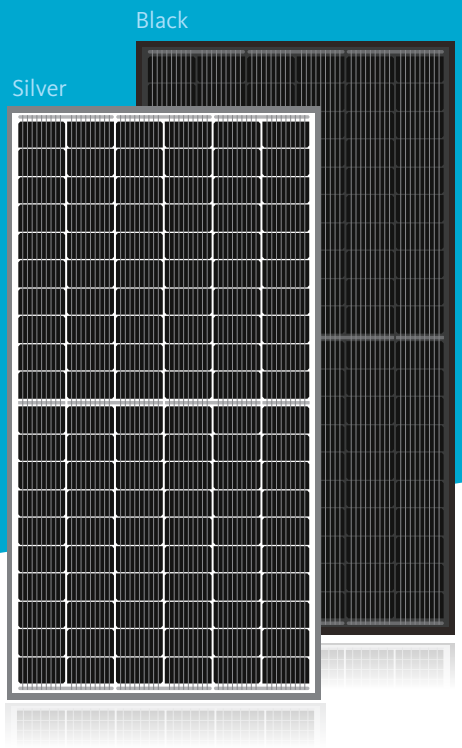
S-Energy

SL45-60 BGI·BHI
355~370W

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

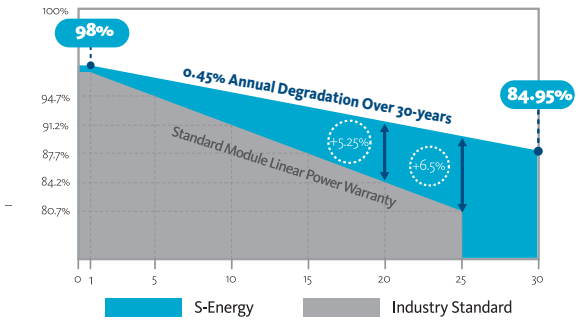
Enhanced External Load/Impact
Snow Load : 5,400 Pa
Wind Load : 2,400 Pa

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

SL45-60 BGI·BHI

1,500V Monocrystalline PV Module 355W · 360W · 365W · 370W

S-Energy

ELECTRICAL CHARACTERISTICS

STC (Irradiance 1,000W/m², module temperature 25℃, AM=1.5)	SL45-60BGI/BHI-355V	SL45-60BGI/BHI-360V	SL45-60BGI/BHI-365V	SL45-60BGI/BHI-370V
Rated Power (Pmax)	355W	360W	365W	370W
Voltage at Pmax (Vmp)	33.70V	34.00V	34.30V	34.50V
Current at Pmax (Imp)	10.53A	10.59A	10.66A	10.72A
Warranted Minimum Pmax	355W	360W	365W	370W
Short-Circuit Current (Isc)	11.06A	11.12A	11.19A	11.26A
Open-Circuit Voltage (Voc)	40.40V	40.80V	41.10V	41.40V
Module Efficiency	19.22%	19.50%	19.77%	20.04%
Operating Module Temperature	-40℃ to + 85℃			
Maximum System Voltage	1,500V			
Fuse Rating	20A			
Maximum Reverse Current	27A			
Power Tolerance	0 ~ +5W			

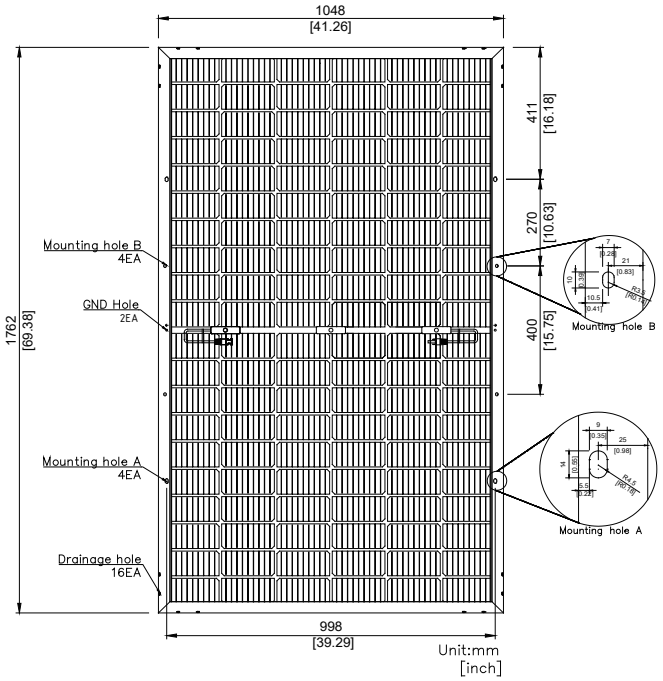
ELECTRICAL CHARACTERISTICS back side power gain(reference to 365W front)

*Bifaciality ≥70%

Pmax	383W	402W	420W	438W	456W
Voltage at Pmax (Vmp)	34.30V	34.30V	34.30V	34.40V	34.40V
Current at Pmax (Imp)	11.17A	11.71A	12.24A	12.73A	13.26A
Short-Circuit Current (Isc)	14.54A	15.24A	15.93A	16.62A	17.31A
Open-Circuit Voltage (Voc)	41.10V	41.10V	41.10V	41.20V	41.20V
Pmax gain	5%	10%	15%	20%	25%

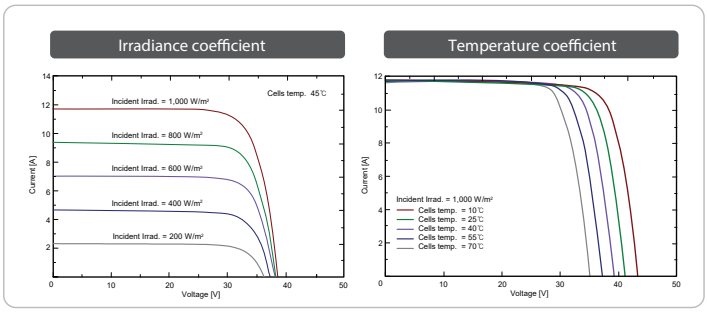
MECHANICAL CHARACTERISTICS

Solar Cells	Monocrystalline Bifacial Cells 166x83mm
Number of Cells	Half Cells (6x20 Matrix)
Dimensions	1,762 x 1,048 x 35mm
Front / Rear Load	5,400Pa / 2,400Pa
Weight	19.6kg
Glass	3.2mm High-Transmittance Low Iron Tempered Glass
Back Sheet	Transparent Mesh Backsheet (White / Black)
Frame	Anodized Aluminum Frame (Silver / Black)
J-Box	≥ IP68 with 3 bypass diodes
Output Cables	PV Wire, 12AWG (4mm²), Cable Length : 500mm * cable length can be customized
Connectors	MC4 Original, Compatible



TEMPERATURE CHARACTERISTICS

Temperature coefficient of Isc	0.054 % / ℃
Temperature coefficient of Voc	-0.260 % / ℃
Temperature coefficient of power	-0.320 % / ℃
NOCT (Tair 20℃ ; Irradiance 800W/m2 ; Wind 1m/s)	45±2 ℃



PACKING CONFIGURATION

Container	20'	40'
Modules Per Pallet	31pcs	31pcs
Pallets Per Container	6pallets	26pallets
Modules Per Container	186pcs	806pcs

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