

SL65-54MCJ

390~410W

HALF-CUT / MBB Series

1,500V Monocrystalline PV Module

CERTIFICATIONS

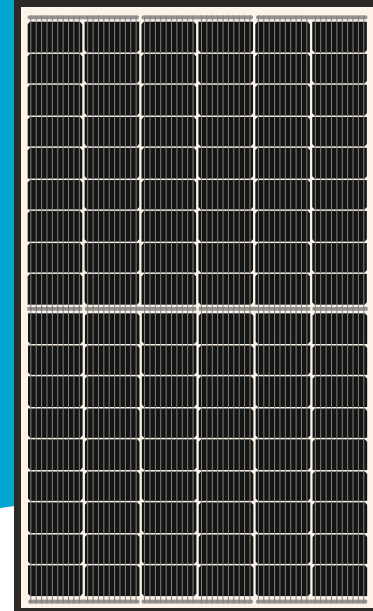
IEC 61215, 61730 / UL 61730

ISO 9001 : Quality Management System

ISO 14001 : Environmental Management System

ISO 45001 : Occupational Health & Safety System

Black



FEATURES



Enhanced External Load/Impact

Snow Load : 5,400 Pa

Wind Load : 2,400 Pa



PID Resistance

Enhanced Potential Induced Degradation Resistance



Mono PERC cell technology



Fire Safety

Spread of Flame Class A

Burning Brand Class C



Higher output power

0~+5Wp,

Higher than rated power



Excellent performance under low light conditions

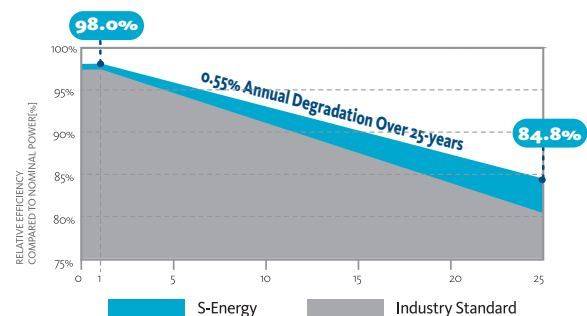
Cloudy days, mornings and evenings



WARRANTY

12 -YEARS PRODUCT WARRANTY

25 -YEARS LINEAR PERFORMANCE WARRANTY



S-Energy Co., Ltd.

S-Energy America
(SEAI America, Inc.)

S-Energy Chile
(S-Energy Chile SpA)

S-Energy Japan_Osaka Headquarters
(S-Energy Japan Co., Ltd.)

S-Energy Japan_Tokyo Branch
(S-Energy Japan Co., Ltd.)

A 20 PanGyoYeok-Ro 241BeonGil, BunDang-Gu, SeongNam-Si, GyeongGi-Do, Korea (3F MiraeAsset Tower)
T +82-70-4339-7100 F +82-70-4339-7199 E inquiry@s-energy.com

A 1170 North Gilbert Street, Anaheim, CA 92801, U.S.A.
T +1-949-281-7897 F +1-949-281-7893 E sales.us@s-energy.com

A Av. Cerro El Plomo N°5420, Office 402, Las Condes, Santiago, Chile
T +56-22-604-8111 E sales.cl@s-energy.com

A 6F Hoshiwa City Building, 4-2-15 Kutaro-cho, Chuo-ku, Osaka, Japan
T +81-6-4703-5388 F +81-6-4703-5387 E sales_jp@s-energy.com

A 6F Nishikicho BLDG., 1-8-11 Kandanishiki-cho, Chiyoda-ku, Tokyo, Japan
T +81-3-6261-3759 F +81-3-6261-3769 E sales_jp@s-energy.com

Homepage

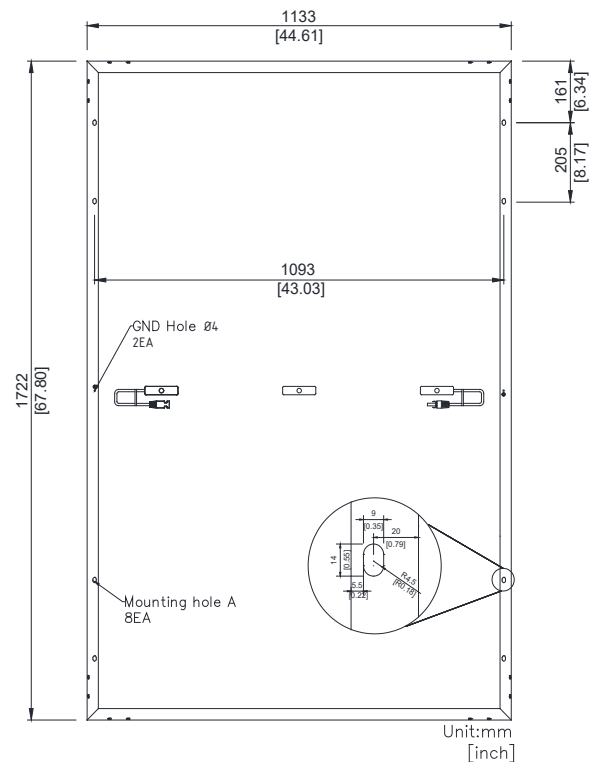


ELECTRICAL CHARACTERISTICS

STC (Irradiance 1,000W/m ² , module temperature 25°C, AM=1.5)	SL65-54MCJ-390R	SL65-54MCJ-395R	SL65-54MCJ-400R	SL65-54MCJ-405R	SL65-54MCJ-410R
Rated Power (Pmax)	390W	395W	400W	405W	410W
Voltage at Pmax (Vmp)	30.64V	30.84V	31.04V	31.20V	31.44V
Current at Pmax (Imp)	12.73A	12.81A	12.89A	12.97A	13.05A
Warranted Minimum Pmax	390W	395W	400W	405W	410W
Short-Circuit Current (Isc)	13.61A	13.70A	13.79A	13.88A	13.97A
Open-Circuit Voltage (Voc)	36.96V	37.05V	37.14V	37.23V	37.32V
Module Efficiency	20.00%	20.20%	20.50%	20.80%	21.00%
Operating Module Temperature	-40°C to +85°C				
Maximum System Voltage	1,500V				
Maximum Fuse Rated Current	25A				
Maximum Reverse Current	33.75A				
Power Tolerance	0 ~ +5W				

MECHANICAL CHARACTERISTICS

Solar Cells	Monocrystalline Cells 182x91mm
Number of Cells	54 Half Cells (6x18 Matrix)
Dimensions	1,722 x 1,133 x 30mm
Front Load	5,400Pa
Rear Load	2,400Pa
Weight	19Kg
Glass	3.2mm High-Transmittance Low Iron Tempered Glass
Frame	Anodized Aluminum Frame (Black)
J-Box	IP68 with 3 bypass diodes
Output Cables	PV Wire, 12AWG (4mm ²), Cable Length : 300mm * cable length can be customized
Connectors	MC4 Compatible

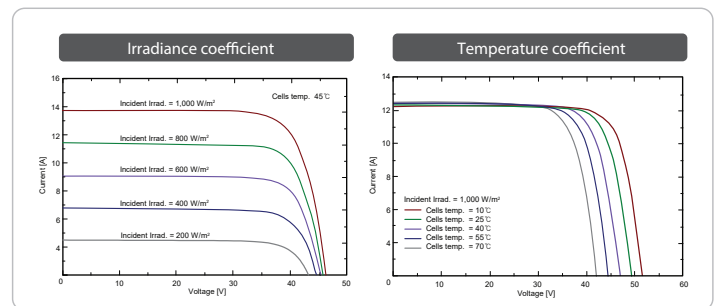


TEMPERATURE CHARACTERISTICS

Temperature coefficient of Isc	0.050 % / °C
Temperature coefficient of Voc	-0.280 % / °C
Temperature coefficient of power	-0.350 % / °C
NOCT (Tair 20°C ; Irradiance 800W/m ² ; Wind 1m/s)	45±2 °C

PACKING CONFIGURATION

Container	20'	40'
Modules Per Pallet	36pcs	36pcs
Pallets Per Container	6pallets	26pallets
Modules Per Container	216pcs	936pcs



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