

# SL40-60<sub>MBI</sub>

## 355~370W

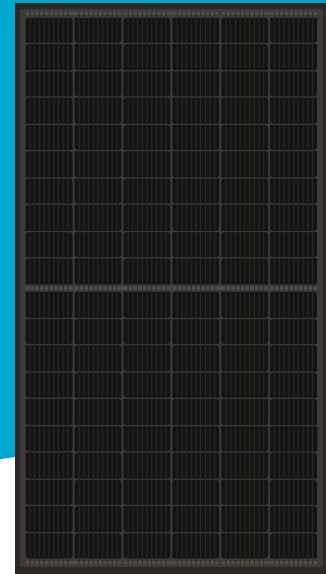
### RESIDENTIAL HALF-CUT Series

1,000V 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

All Black



### FEATURES



#### 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



#### Higher output power

0~+5Wp,  
 Higher than rated power



#### Excellent performance under low light conditions

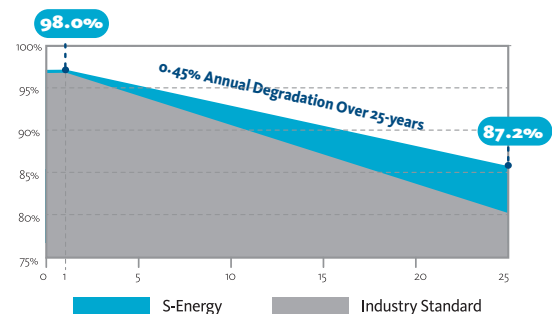
Cloudy days, mornings and evenings



### 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

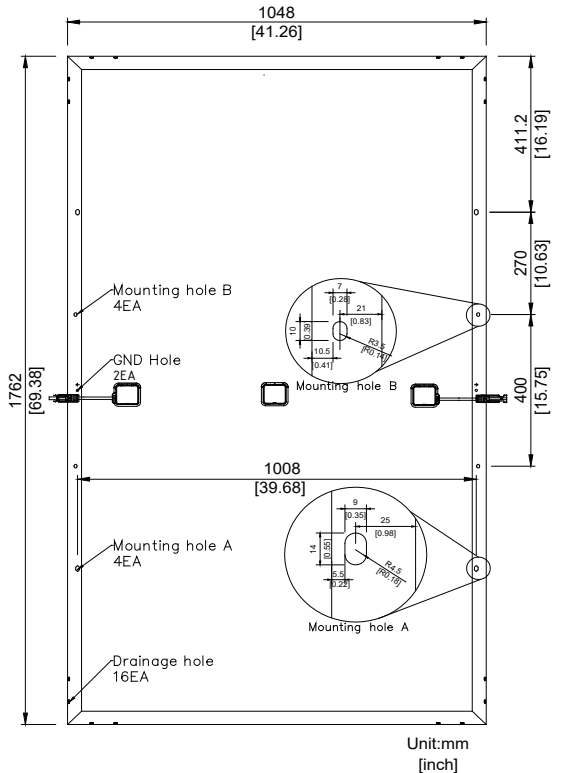


## ELECTRICAL CHARACTERISTICS

STC (Irradiance 1,000W/m <sup>2</sup> , module temperature 25°C, AM=1.5)	SL40-60MBI-355V	SL40-60MBI-360V	SL40-60MBI-365V	SL40-60MBI-370V
Rated Power (Pmax)	355W	360W	365W	370W
Voltage at Pmax (Vmp)	33.8V	34.0V	34.2V	34.4V
Current at Pmax (Imp)	10.51A	10.59A	10.68A	10.76A
Warranted Minimum Pmax	355W	360W	365W	370W
Short-Circuit Current (Isc)	11.26A	11.35A	11.43A	11.52A
Open-Circuit Voltage (Voc)	40.3V	40.5V	40.7V	40.9V
Module Efficiency	19.22%	19.50%	19.77%	20.04%
Operating Module Temperature	-40°C to + 85°C			
Maximum System Voltage	1,000V			
Fuse Rating	20A			
Maximum Reverse Current	27A			
Power Tolerance	0 ~ +5W			

## MECHANICAL CHARACTERISTICS

<b>Solar Cells</b>	Monocrystalline Cells 166x83mm
<b>Number of Cells</b>	60 Half Cells (6x20 Matrix)
<b>Dimensions</b>	1,762 x 1,048 x 30mm
<b>Front Load</b>	5,400Pa
<b>Rear Load</b>	2,400Pa
<b>Weight</b>	19.4kg
<b>Glass</b>	3.2mm High-Transmittance Low Iron Tempered Glass
<b>Frame</b>	Anodized Aluminum Frame (Black)
<b>J-Box</b>	≥ IP67 with 3 bypass diodes
<b>Output Cables</b>	PV Wire, 12AWG (4mm <sup>2</sup> ), Cable Length : 1100mm * cable length can be customized
<b>Connectors</b>	MC4 Original, Compatible

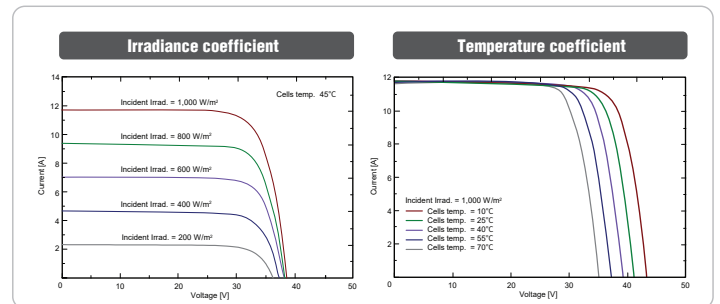


## TEMPERATURE CHARACTERISTICS

<b>Temperature coefficient of Isc</b>	0.048 % / °C
<b>Temperature coefficient of Voc</b>	-0.270 % / °C
<b>Temperature coefficient of power</b>	-0.350 % / °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	26pallet
<b>Modules Per Container</b>	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