

# SL65-72MAJ

## 525~550W

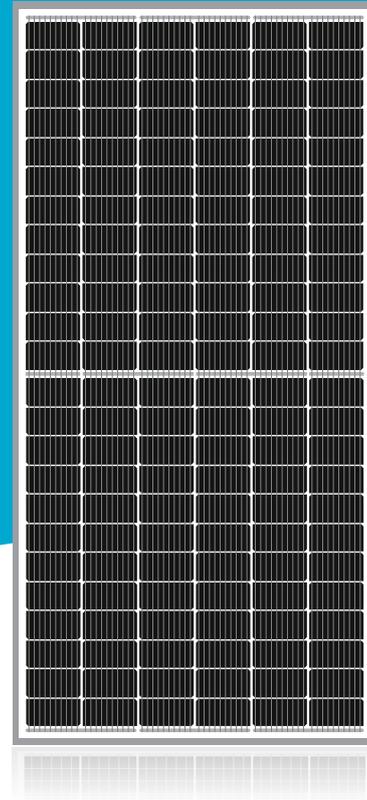
### HALF-CUT Series

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

Silver



### 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

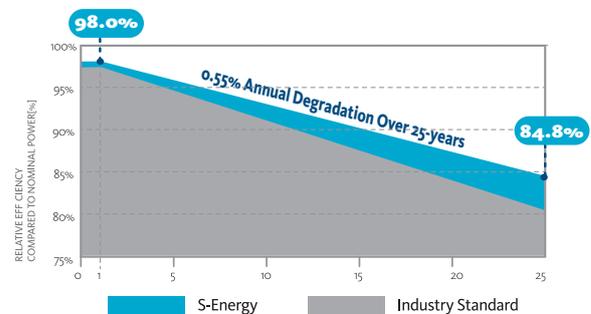
Cloudy days, mornings and evenings



### WARRANTY

**12** -YEARS PRODUCT WARRANTY

**25** -YEARS LINEAR PERFORMANCE WARRANTY



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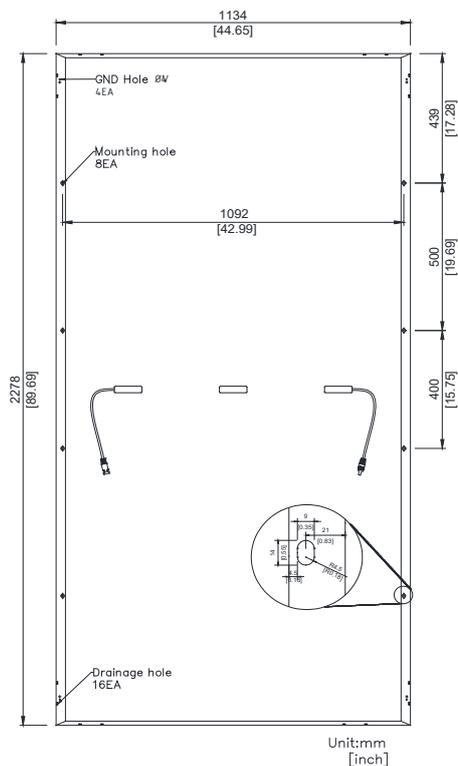


## ELECTRICAL CHARACTERISTICS

STC (Irradiance 1,000W/m <sup>2</sup> , module temperature 25°C, AM=1.5)	SL65-72MAJ-525Z	SL65-72MAJ-530Z	SL65-72MAJ-535Z	SL65-72MAJ-540Z	SL65-72MAJ-545Z	SL65-72MAJ-550Z
Rated Power (Pmax)	525W	530W	535W	540W	545W	550W
Voltage at Pmax (Vmp)	40.80V	41.00V	41.20V	41.40V	41.60V	41.80V
Current at Pmax (Imp)	12.88A	12.94A	13.00A	13.05A	13.11A	13.16A
Warranted Minimum Pmax	525W	530W	535W	540W	545W	550W
Short-Circuit Current (Isc)	13.60A	13.66A	13.72A	13.78A	13.84A	13.90A
Open-Circuit Voltage (Voc)	49.10V	49.30V	49.50V	49.70V	49.90V	50.10V
Module Efficiency	20.32%	20.52%	20.71%	20.90%	21.10%	21.29%
Operating Module Temperature	-40°C to + 85°C					
Maximum System Voltage	1,500V					
Fuse Rating	25A					
Maximum Reverse Current	33.75A					
Power Tolerance	0 ~ +5W					

## MECHANICAL CHARACTERISTICS

<b>Solar Cells</b>	Monocrystalline Cells 182x91mm
<b>Number of Cells</b>	72 Half Cells (6x24 Matrix)
<b>Dimensions</b>	2,278 x 1,134 x 35mm
<b>Front Load</b>	5,400Pa
<b>Rear Load</b>	2,400Pa
<b>Weight</b>	28.0 ± 1kg
<b>Glass</b>	3.2mm High-Transmittance Low Iron Tempered Glass
<b>Frame</b>	Anodized Aluminum Frame (Silver)
<b>J-Box</b>	≥ IP68 with 3 bypass diodes
<b>Output Cables</b>	PV Wire, 12AWG (4mm <sup>2</sup> ), Cable Length : 350mm * cable length can be customized
<b>Connectors</b>	MC4 Original, Compatible

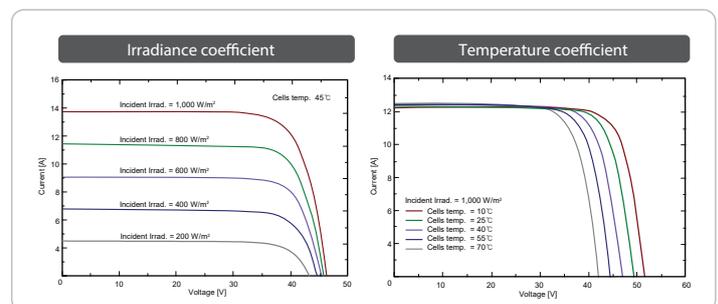


## TEMPERATURE CHARACTERISTICS

Temperature coefficient of Isc	0.050 % / °C
Temperature coefficient of Voc	-0.290 % / °C
Temperature coefficient of power	-0.350 % / °C
NOCT (Tair 20°C ; Irradiance 800W/m <sup>2</sup> ; Wind 1m/s)	44±2 °C

## PACKING CONFIGURATION

Container	20'	40'
Modules Per Pallet	31pcs	31pcs
Pallets Per Container	5pallets	20pallets
Modules Per Container	155pcs	620pcs



### 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