

SL65-72TDP

555~575W

N Type TOP Con Series

1,500V Monocrystalline PV Module

CERTIFICATIONS

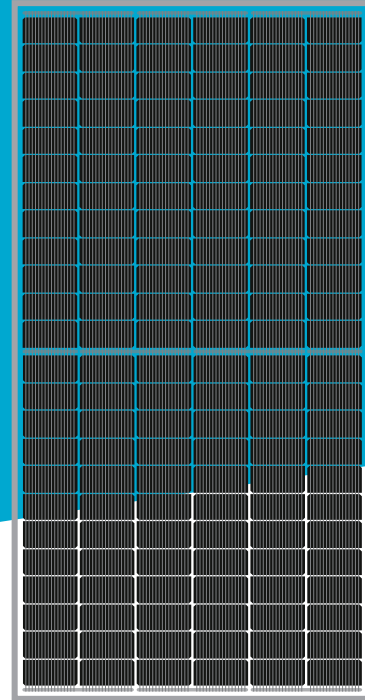
IEC 61215, 61730 / UL 61730

ISO 9001: Quality Management System

ISO 14001: Environmental Management System

ISO 45001: Occupational Health & Safety System

Silver



FEATURES



Up to 25% more energy yield due to the back side power generation



Low LID & N-Type TopCon 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



Fire Safety

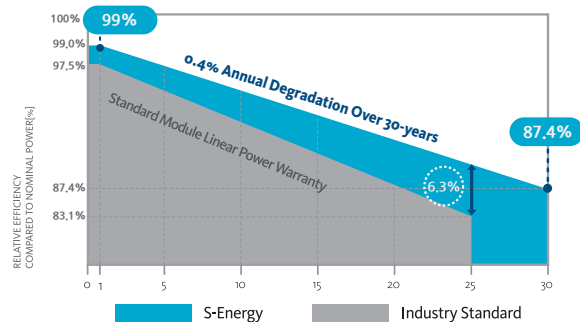
Class C (as per UL790)



WARRANTY

12-YEARS PRODUCT WARRANTY

30-YEARS LINEAR PERFORMANCE WARRANTY



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(S-Energy Chile SpA)

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Homepage



ELECTRICAL CHARACTERISTICS

STC (Irradiance 1,000W/m ² , module temperature 25°C, AM=1.5)	SL65-72TDP-555R	SL65-72TDP-560R	SL65-72TDP-565R	SL65-72TDP-570R	SL65-72TDP-575R
Rated Power (Pmax)	555W	560W	565W	570W	575W
Voltage at Pmax (Vmp)	42.18V	42.26V	42.48V	42.70V	42.91V
Current at Pmax (Imp)	13.16A	13.25A	13.30A	13.35A	13.40A
Warranted Minimum Pmax	555W	560W	565W	570W	575W
Short-Circuit Current (Isc)	14.11A	14.18A	14.25A	14.32A	14.39A
Open-Circuit Voltage (Voc)	50.40V	50.65V	50.80V	50.95V	51.15V
Module Efficiency	21.50%	21.70%	21.89%	22.08%	22.28%
Operating Module Temperature	-40°C to +85°C				
Maximum System Voltage	1500V				
Maximum Fuse Rated Current	30A				
Maximum Reverse Current	40.5A				
Power Tolerance / Binning Tolerance	±3.0% / 0~5W				

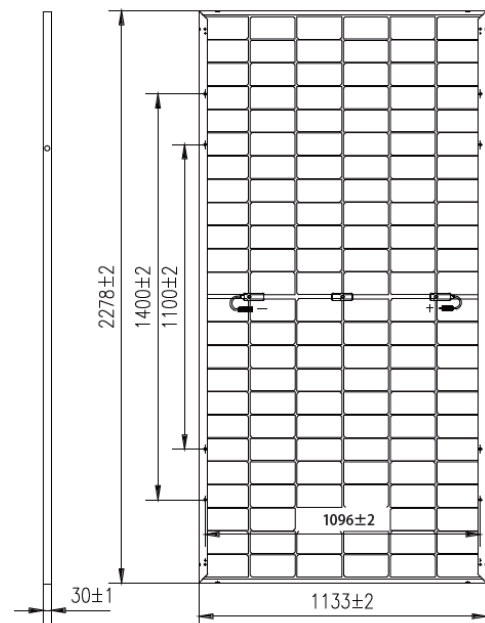
ELECTRICAL CHARACTERISTICS back side power gain(reference to 575W front)

*Bifaciality ≥70%

	604W	633W	661W	690W	719W
Pmax	604W	633W	661W	690W	719W
Voltage at Pmax (Vmp)	42.91V	42.91V	42.91V	43.01V	43.01V
Current at Pmax (Imp)	14.07A	14.74A	15.41A	16.04A	16.71A
Short-Circuit Current (Isc)	15.11A	15.83A	16.55A	17.27A	17.99A
Open-Circuit Voltage (Voc)	51.15V	51.15V	51.15V	51.25V	51.25V
Pmax gain	5%	10%	15%	20%	25%

MECHANICAL CHARACTERISTICS

Solar Cells	Monocrystalline Cells 182x91mm
Number of Cells	72Half Cells (6x24 Matrix)
Dimensions	2,278 x 1,133 x 30mm
Front Load	5,400Pa
Rear Load	2,400Pa
Weight	32.0kg
Glass	Dual glass, 2mm Tempered Glass
Frame	Anodized Aluminum Frame (Silver)
J-Box	PV-ZPB040 (connector: PV-ZPJ030A) The 40th Institute of China ElectronicTechnology Z8-abcd (connectors: Z4S-abcd) Zerun Co.,Ltd PV-XT1609Nxyz (connectors: PV-XT101.1) Suzhou Xtiong Photovoltaic Technologieso.,Ltd * ≥ IP68 with 3 bypass diodes
Output Cables	PV Wire, 12AWG (4mm ²), Cable Length : 300(+),200(-)mm * cable length can be customized

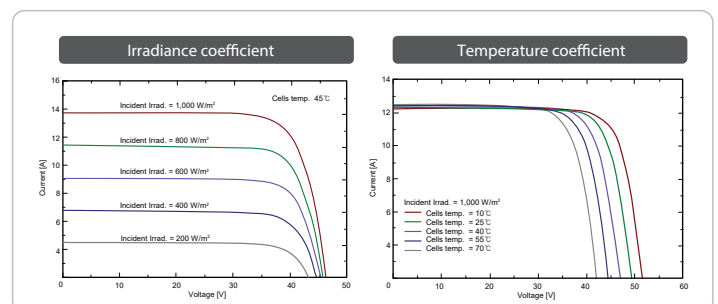


TEMPERATURE CHARACTERISTICS

Temperature coefficient of Isc	0.045 % / °C
Temperature coefficient of Voc	-0.250 % / °C
Temperature coefficient of power	-0.300 % / °C
NMOT (Tair 20°C ; Irradiance 800W/m ² ; Wind 1m/s)	42±2 °C

PACKING CONFIGURATION

Container	20'	40'
Modules Per Pallet	36pcs	36pcs
Pallets Per Container	5pallets	20pallets
Modules Per Container	180pcs	720pcs



REMARKS

- Pmax measurement tolerance : ±3.0%
- 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

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