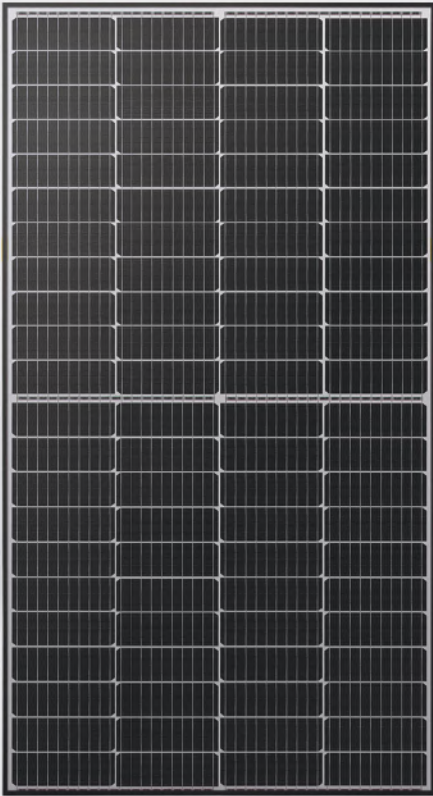


Lumina II



305 W

Maximum Power Output

21.3%

Maximum Module Efficiency

SolarSpace Technology Co., Ltd. was established in 2011, as a world leading solar cell and module manufacturer, concentrating on high efficient solar-technology production with 30GW+ capacity of solar cell and 5.7GW capacity of solar module in China and overseas.

SS9-88TD 300-305N

N-TOPCon Bifacial Dual Glass Module



Super Power Output

Advanced 210 TOPCon cells combined with MBB and high-density encapsulation provides ultrahigh power output



High Reliability

Excellent harsh tests results and advanced triple cut cell tech improve product reliability for long-term life cycle



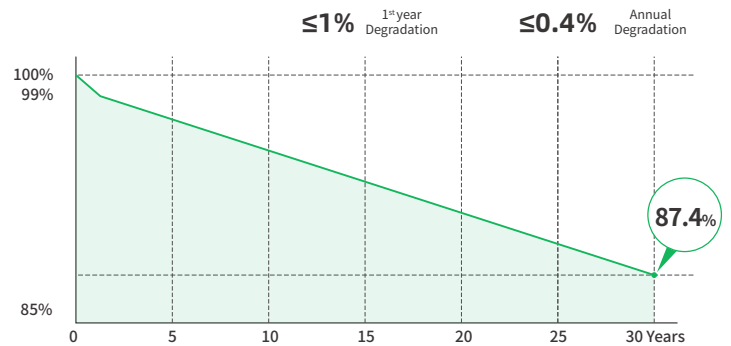
Extra power generation

N-type wafers and cells bring ultralow LID&LeTID degradation, less than 1% 1st year degradation guaranteed, in addition lower temperature coefficient and better weak-light response provide extra power generation



Better Flexibility

Compact module dimension is more flexible for various distributed projects



15Years Product Warranty **30**Years Linear Power Warranty

Comprehensive Certificates

- IEC61215
- IEC61730
- IEC61701
- IEC62716
- IEC60068
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational Health and Safety Management Systems



Electric Characteristics STC: Irradiation 1000W/m², Cell Temperature 25°C, AM=1.5

Module Type	SS9-88TD-300N	SS9-88TD-305N
Maximum Power (Pmax) [W]	300	305
Open-Circuit Voltage (Voc)[V]	30.47	30.63
Maximum Power Voltage (Vmp) [V]	25.51	25.87
Short-Circuit Current (Isc)[A]	12.47	12.58
Maximum Power Current (Imp) [A]	11.76	11.79
Module Efficiency	20.91%	21.26%
Power Tolerance	0~+5W	
Temperature coefficient of Isc	+0.046%/°C	
Temperature coefficient of Voc	-0.250%/°C	
Temperature coefficient of Pmax	-0.300%/°C	

Mechanical Characteristics

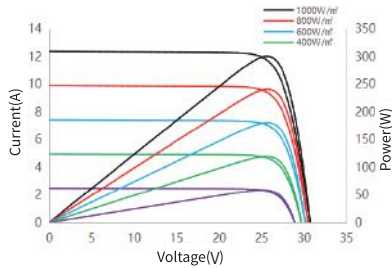
Cell Type	N-TOPCon (G12)
Number of Cells	88(4X22)
Dimensions	1630X880X30mm
Weight	18kg
Glass	Front Glass, 2.0mm AR coated tempered glass Back Glass, 2.0mm glazed tempered glass
Frame	Anodized Aluminum Alloy
Output Cables	4mm ² (IEC),12AWG(UL) 300mm (including connector) or Customized Length
Junction Box	IP68 Rated, 2 diodes
Connector	MC-EVO2 or MC4 Compatible
Packaging	36 Pieces/Pallet, 1008 pieces/40' container

Operating Conditions

Maximum System Voltage	1500V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	25A
Mechanical Load Front Rear	5400Pa(112lb/ft ²)
Mechanical Load Back Rear	2400Pa (50lb/ft ²)
Nominal operating cell temperature	45±2°C
Safety Class	Class II
Bifaciality	80±10%

Characteristics

I-V/P-V Curve at Different Irradiation SS9-88TD -300N



I-V Curve at Different Temperature SS9-88TD -300N

