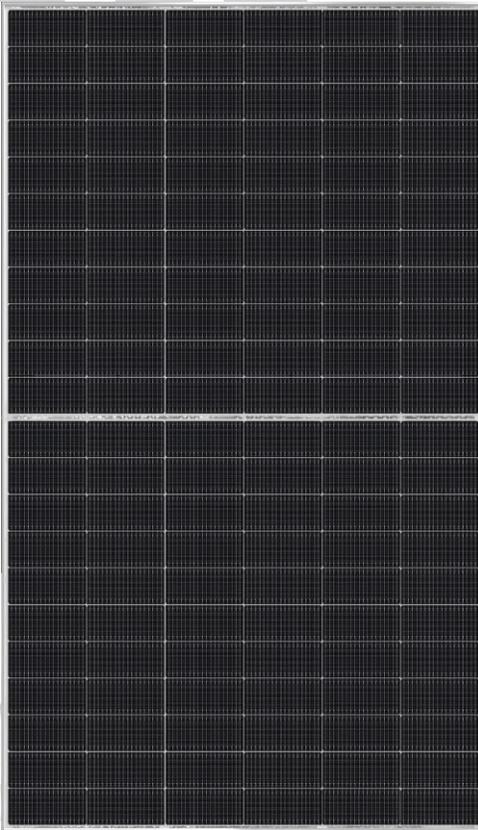


Ultra T 2.0

HALF-CELL N-TYPE TOPCon
SILVER FRAME BIFACIAL DOUBLE-GLASS MODULE
TYPE: STPXXXS-D66-Nsh+

715-735W **23.3%**
POWER OUTPUT MAX EFFICIENCY



Higher value for customers
effectively reduce system BOS cost, achieve lower LCOE, and improve project profitability



Compatible with mainstream trackers
the module design is highly compatible with power plant tracking systems, which offers a cost-effective solution for large power plants



Withstand harsh environments
through the high salt spray LID ammonia resistance test, more adaptable to high temperature, strong wind, ice, snow and salt water corrosion of the climate environment



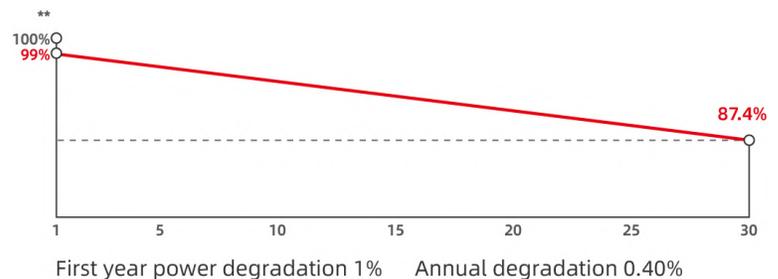
Superior load-bearing capability
Module certified to withstand **5400 Pa** front side max static test load and **2400 Pa** rear side max static test load *



ISO 14001	Environment Management System	IEC 61701	Salt-mist Certification
ISO 45001	Occupational Health and Safety	IEC 62716	Ammonia Certification
ISO 9001	Quality Management System	IEC 60068-2-68	Dust and Sand
SA 8000	Social Responsibility Standards	IEC 61730-2 (UL790)	Fire Class C
IEC TS 62941	Guideline for Module Design		



30 years of linear warranty
15 years of product warranty



* Please refer to Suntech Standard Module Installation Manual for details.

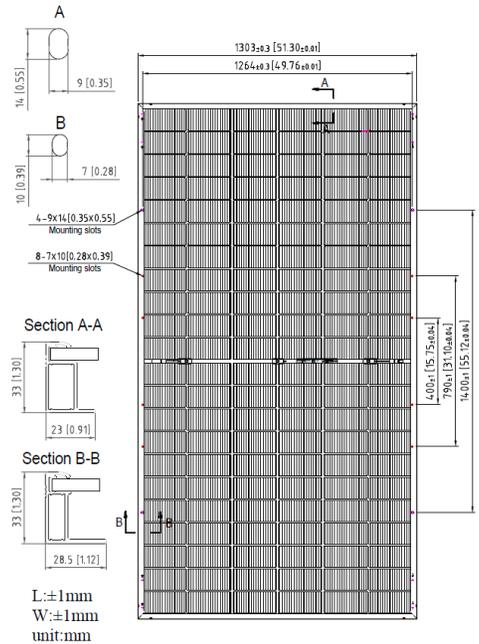
** Please refer to Suntech Limited Warranty for details.

*** WEEE only for EU market.

**** Suntech reserves the right to the final.

Mechanical Characteristics

Solar Cell	N-type monocrystalline silicon
No. of Cells	132 (6 × 22)
Dimensions	2384 × 1303 × 33 mm (93.9 × 51.3 × 1.3 inches)
Weight	37.3 kg (82.2 lbs.)
Front Glass	2.0 mm (0.079 inches), anti-reflective coating
Back Glass	2.0 mm (0.079 inches), heat strengthened glass
Output Cables	4.0 mm ² , (-) 350 mm and (+) 160 mm in length or customized length
Junction Box	IP68 rated (3 bypass diodes)
Operating Module Temperature	-40 °C to +70 °C
Maximum System Voltage	1500 V DC (IEC)
Connectors	STP-XC4
Maximum Series Fuse Rating	35 A
Power Tolerance	0 ~ + 3%
Refer. Bifaciality Factor	(80 ± 5)%
Frame	Anodized aluminum alloy frame
Packing Configuration	33 pieces per pallet 594 pieces per container / 40'HC 1325 × 1120 × 2510 mm per pallet 1260 kg per pallet



For tracker installation, please turn to Suntech for mechanical load information.

Electrical Characteristics (STC)

Module Type	STP735S-D66-Nsh+	STP730S-D66-Nsh+	STP725S-D66-Nsh+	STP720S-D66-Nsh+	STP715S-D66-Nsh+
Maximum Power (Pmax/W)	735	730	725	720	715
Optimum Operating Voltage (Vmp/V)	41.05	40.85	40.65	40.45	40.25
Optimum Operating Current (Imp/A)	17.90	17.87	17.84	17.81	17.78
Open Circuit Voltage (Voc/V)	49.05	48.85	48.65	48.45	48.25
Short Circuit Current (Isc/A)	18.95	18.91	18.87	18.83	18.79
Module Efficiency (%)	23.7	23.5	23.3	23.2	23.0

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5; Measuring tolerance is within +/- 3%;

Electrical Characteristics (BNPI)

	815	809	803	798	792
Maximum Power (Pmax/W)					
Optimum Operating Voltage (Vmp/V)	41.00	40.80	40.60	40.40	40.20
Optimum Operating Current (Imp/A)	19.88	19.84	19.79	19.76	19.71
Open Circuit Voltage (Voc/V)	49.31	49.11	48.91	48.71	48.51
Short Circuit Current (Isc/A)	21.00	20.94	20.91	20.86	20.82

BNPI: Irradiance front 1000 W/m², rear 135 W/m², module temperature 25 °C, AM=1.5;

Temperature Characteristics

Temperature Coefficient of Pmax	-0.29%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.046%/°C

Information on how to install and operate this product is available in the installation instruction. All values indicated in this data sheet are subject to change without prior announcement. The specifications may vary slightly. All specifications are in accordance with standard EN 50380. Color differences of the modules relative to the figures as well as discolorations of/in the modules which do not impair their proper functioning are possible and do not constitute a deviation from the specification.

Graphs Current-Voltage & Power-Voltage (720W)

