

HALF-CELL MONOFACIAL MODULE

655-675W **21.7%**
POWER OUTPUT MAX EFFICIENCY



Efficient conversion rate
Up to 21.7% component conversion efficiency



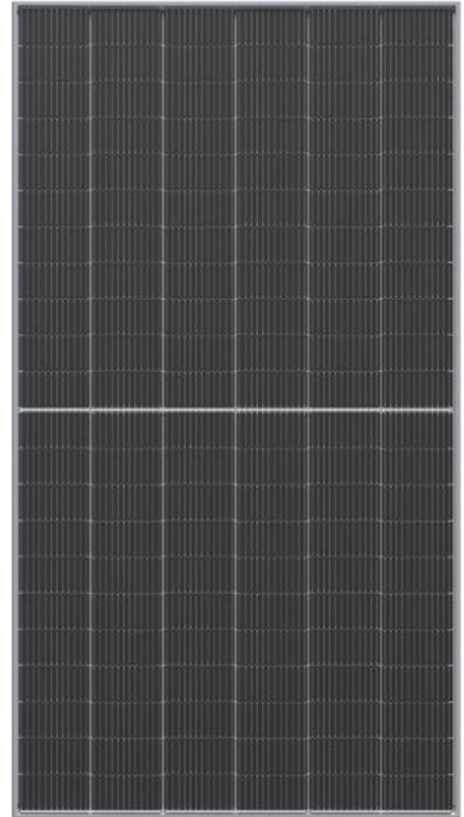
Excellent low light performance
Able to output more electricity under low light conditions such as cloudy days, morning and evening



Withstand harsh environments
Reliable quality that makes module resistant even to high temperatures, salt water and ammonia

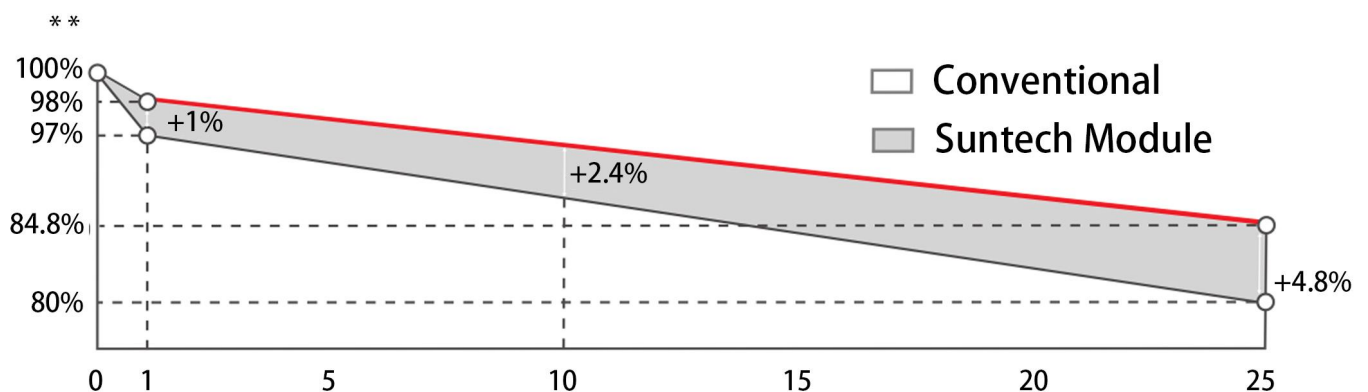


Superior load capacity
Capable of withstanding negative pressure up to 2400 Pa and positive pressure up to 5400 Pa



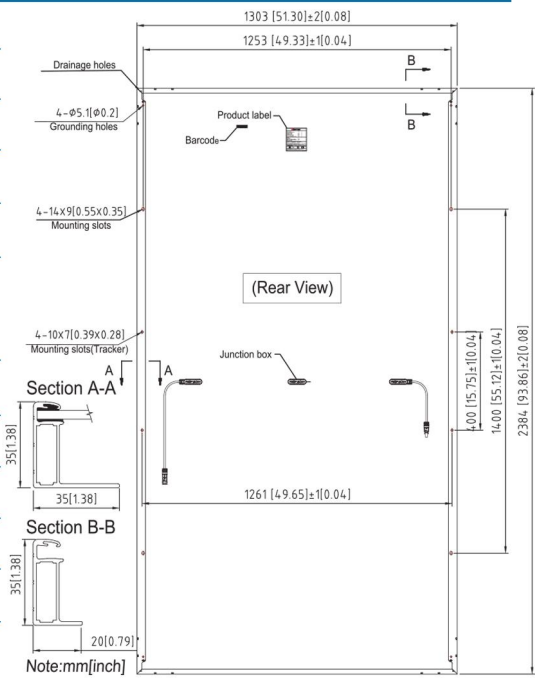
First year power degradation **2%**

Annual degradation **0.55%**



Mechanical Characteristic

Solar Cell	Monocrystalline silicon 210 mm
No. of cells	132 (6 × 22)
Dimensions	2384 × 1303 × 35 mm
Weight	33.5 kgs (73.9 lbs.)
Front/Back Glass	3.2 mm fully tempered glass
Output Cables	4.0 mm ² , (-) 350 mm (+) 160 mm in length or customized length
Operating Module Temperature	-40 ° C to +85 ° C
Maximum System Voltage	1500 V DC (IEC)
Maximum Series Fuse Rating	30 A
Power Tolerance	0/+5 W
Frame	Anodized aluminum alloy frame



Electrical Characteristics

Module Type	STP675S-D66/Wmh		STP670S-D66/Wmh		STP665S-D66/Wmh		STP660S-D66/Wmh		STP655S-D66/Wmh	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	675	510.9	670	507.5	665	503.7	660	499.9	655	496.1
Optimum Operating Voltage (Vmp/V)	38.65	36.2	38.45	36.0	38.25	35.8	38.05	35.6	37.85	35.4
Optimum Operating Current (Imp/A)	17.46	14.13	17.43	14.11	17.39	14.07	17.35	14.04	17.31	14.00
Open Circuit Voltage (Voc/V)	46.65	44.0	46.45	43.8	46.25	43.6	46.05	43.4	45.85	43.2
Short Circuit Current (Isc/A)	18.46	14.89	18.43	14.87	18.39	14.84	18.35	14.80	18.31	14.77
Module Efficiency (%)	21.7%		21.6%		21.4%		21.2%		21.1%	

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42 ± 2 ° C
Temperature Coefficient of Pmax	-0.34%/° C
Temperature Coefficient of Voc	-0.26%/° C
Temperature Coefficient of Isc	0.050%/° C

Graphs

