

SYMN156R03TBD

N-TYPE DOUBLE GLASS BIFACIAL MODULE

750W

Maximum Power Output

23.35%

Maximum Module Efficiency

80%

Bifaciality

0~5W

Pmax Tolerance



Lower LCOE

N-TOPCon bifacial technology: lower degradation, higher bifaciality, ≥30 year service life and lower BOS



Lower Temperature Coefficient

lower temperature coefficient and higher power generation under high-temperature conditions.



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



ZERO LID (Light Induced Degradation)

N-type solar cell has no LID naturally which can increase power generation.



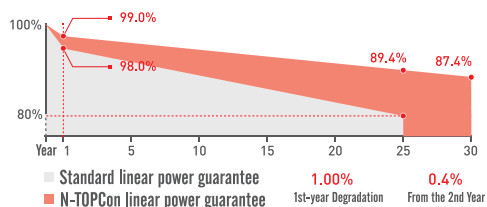
Better Low Light Performance

Higher power output even under low-light environments like on cloudy or foggy days.



Mechanical Load Enhanced

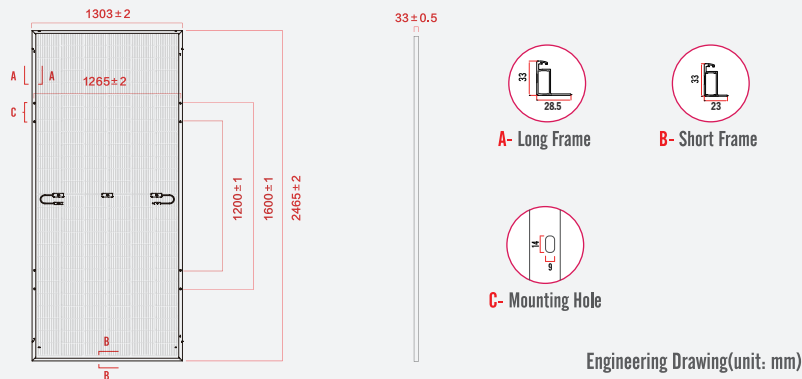
Certified to withstand: 5400 Pa front side max static test load and 2400 Pa rear side max static test load.



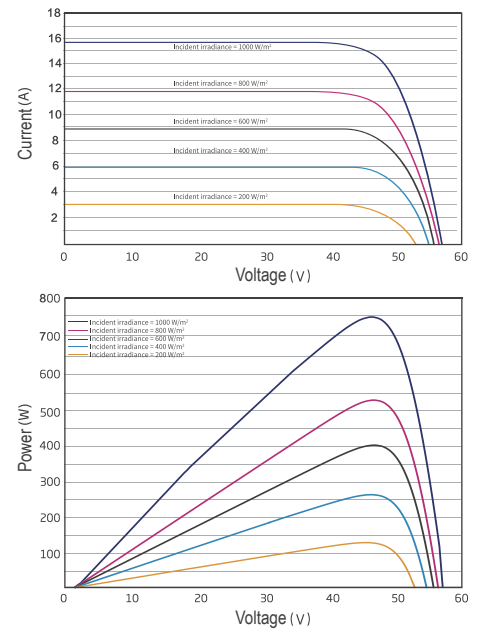
12 Years Product Material & Workmanship
30 Years Linear Performance Warranty

TÜVRheinland®
Precisely Right.





Characteristic Curves (SYMN156TBD-750W)



Mechanical Properties

Cell Size	210mm*91.1mm	Front Glass/Back Glass	Heat-strengthened glass 2mm/2mm
Number of Cells	156 (2*78)	Frame	Anodized Aluminium Alloy
Module Dimension	2465mm×1303mm×33mm	Junction Box	IP68
Weight	39.6Kg	Connector	MC4 Compatible Connector
Length of Cable	TUV 1×4.0mm² (+): 410mm· (-):290mm (Or Customized Length)		

SPECIFICATIONS	STC*					
Testing Condition	Front Side					
Maximum Power (Pmax/W)	725	730	735	740	745	750
Peak Power Voltage (Vmp/V)	48.41	48.55	48.70	48.84	49.00	49.15
Peak Power Current (Imp/A)	14.98	15.04	15.09	15.15	15.21	15.26
Open Circuit Voltage (Voc/V)	56.91	57.05	57.19	57.33	57.47	57.61
Short Circuit Current (Isc/A)	15.65	15.71	15.77	15.83	15.89	15.95
Module Efficiency(%)	22.57%	22.73%	22.88%	23.04%	23.20%	23.35%

The above data is for reference only, the actual data is subject to the actual test

*STC: Irradiance 1000 W/m², Cell Temperature 25°C, AM1.5

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

5%	Maximum Power (Pmax)	761	767	772	777	782	788
	Module Efficiency STC (%)	23.70%	23.86%	24.03%	24.19%	24.35%	24.52%
15%	Maximum Power (Pmax)	834	840	845	851	857	863
	Module Efficiency STC (%)	25.96%	26.14%	26.32%	26.50%	26.67%	26.85%
25%	Maximum Power (Pmax)	906	913	919	925	931	938
	Module Efficiency STC (%)	28.22%	28.41%	28.60%	28.80%	28.99%	29.19%

Operating Properties		Temperature Coefficient		Packaging Configuration	
Operating Temperature (°C)	-40°C~+85°C	Temperature Coefficient of Pmax	-0.29%/°C	Packing Type	17.5m Flatbed Trailer
Maximum System Voltage (V)	DC1500V (IEC)	Temperature Coefficient of Voc	-0.25%/°C	Pcs/Pallet	33 pcs
Maximum Series Fuse Rating (A)	30	Temperature Coefficient of Isc	+0.045%/°C	Pallet/Container	22 palletss
Pmax Tolerance (W)	0~+5W	Nominal Operating Cell Temperature (NOCT)	45±2°C	Pcs/Container	726 pcs
Bifaciality	80±5%				

*Bifaciality=Pmaxrear (STC)/Pmaxfront (STC)

