

SYMN156R03TBD

N-TYPE DOUBLE GLASS BIFACIAL MODULE

750w

Maximum Power Output

23.35%

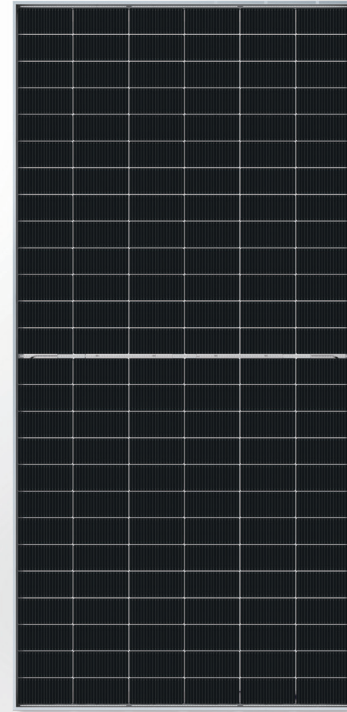
Maximum Module Efficiency

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 modules with Tunnel Oxide Passivating Contacts (TOPCon) technology offer zero LID degradation.



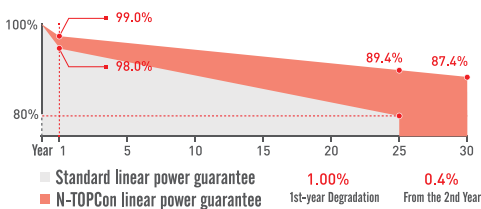
Better Low Light Performance

Higher power output even under low-light weather such as cloudy and foggy days.



Mechanical Load Enhanced

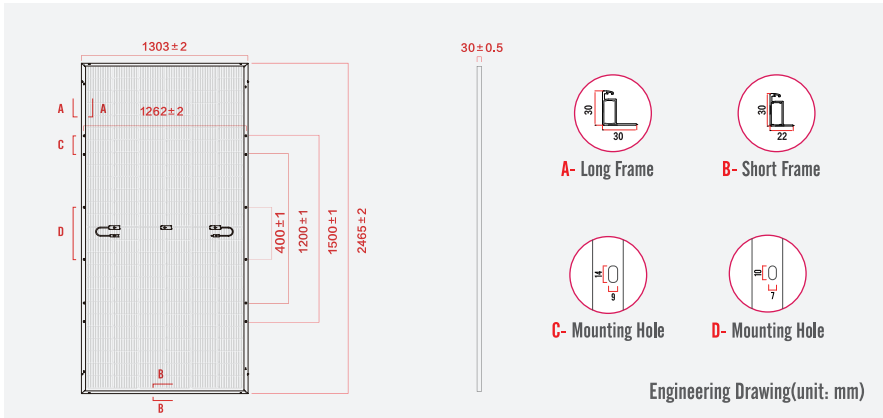
Certified to withstand: 5400 Pa front side max static test load and 2400 Pa rear side max static test load.



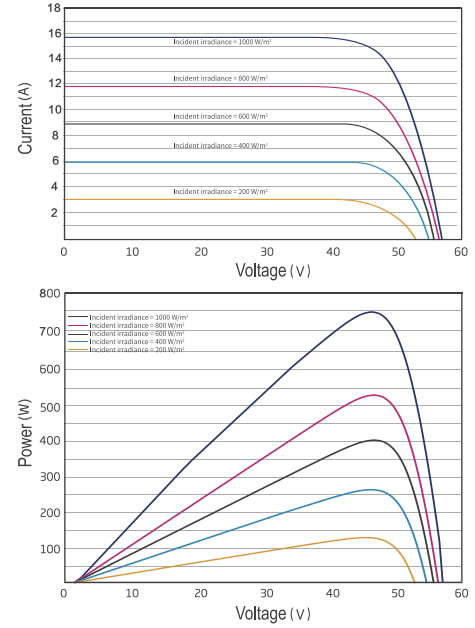
12 Years Material & Workmanship Warranty
30 Years Linear Performance Warranty

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×30mm	Junction Box	IP68
Weight	39.6Kg	Connector	MC4 Compatible Connector
Length of Cable	TUV 1×4.0mm² (+): 350mm (-): 280mm (Or Customized Length)		

SPECIFICATIONS(FRONT)

STC*

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	-40°C~+85°C	Temperature Coefficient of Pmax	-0.29%/°C	Packing Type	17.5m Flatbed Trailer
Maximum System Voltage	DC1500V(IEC)	Temperature Coefficient of Voc	-0.25%/°C	Pcs/Pallet	36 pcs
Maximum Series Fuse Rating	35A	Temperature Coefficient of Isc	+0.045%/°C	Pallet/vehicle	20 pallets
Pmax Tolerance	0~+5W	Nominal Operating Cell Temperature (NOCT)	45±2°C	Pcs/vehicle	720 pcs
Bifaciality	80±5%				

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



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Specifications in this manual are subject to change without notice

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