

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.



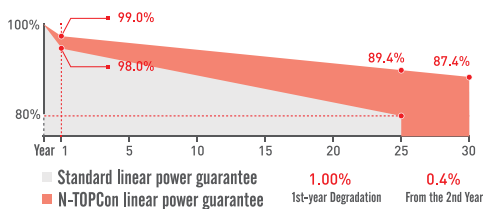
Better Low Light Performance

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



Mechanical Load Enhanced

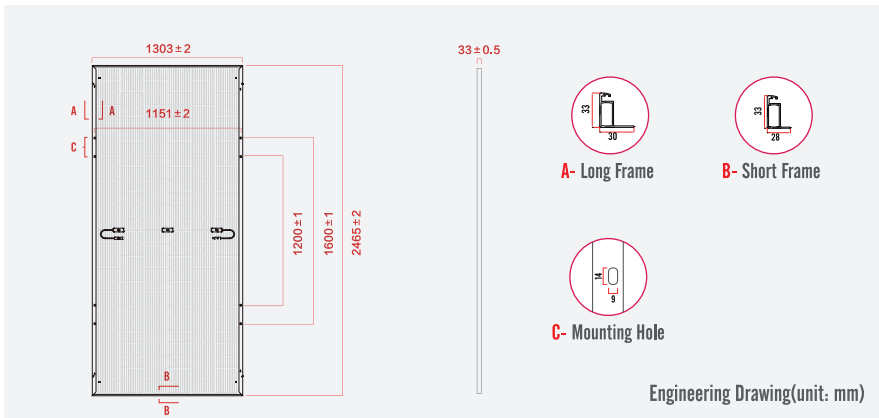
Certified to withstand: 5400 Pa front side max static test load and 2400 Pa rear side max static test load.



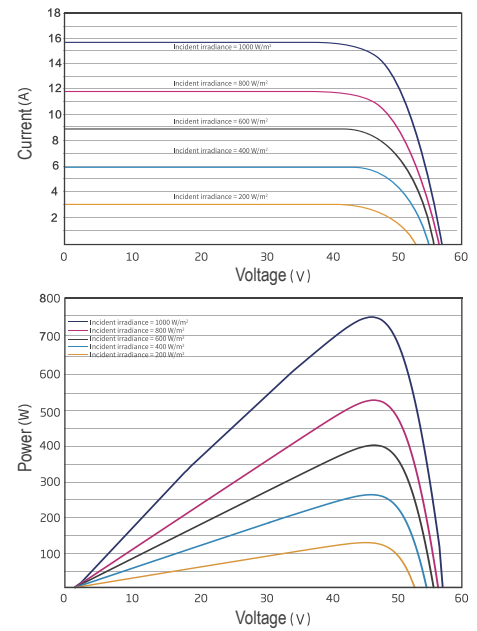
12 Years Product Material & Workmanship
30 Years Linear Performance Warranty

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*					
	Front Side					
Testing Condition						
(Pmax) (W) Peak Power(Pmax)(W)	725	730	735	740	745	750
MPP Voltage(Vmp)(V)	48.41	48.55	48.70	48.84	49.00	49.15
MPP 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	40'HQ Container
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	18 pallets
Pmax Tolerance (W)	0~+5W	Nominal Operating Cell Temperature (NOCT)	45±2°C	Pcs/Container	594 pcs
Bifaciality	80±5%				

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

