



# 615W - 635W

## N-type Mono Module With Single Glass

22.7%    30YR    0.38%

Maximum Efficiency    Linear Performance Warranty    Warranted Annual Degradation Rate

### Key Features



**SMBB Technology**  
Better light trapping and current collection to improve module power output and reliability



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



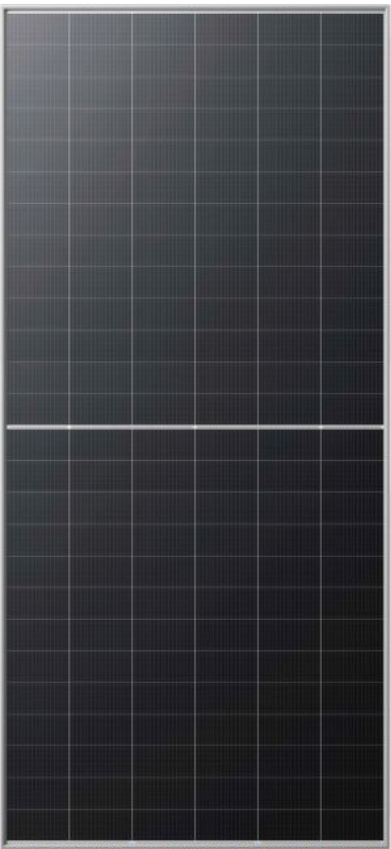
**Higher Power Output**  
Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR



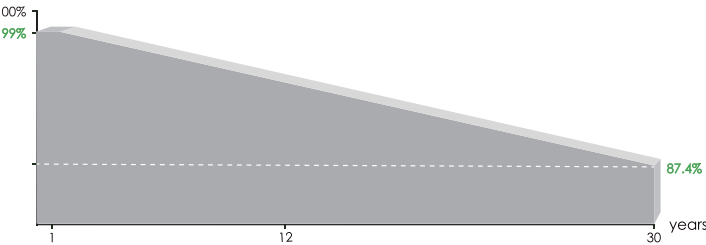
**Hot 2.0 Technology**  
The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID



**Enhanced Mechanical Load**  
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal)



### Linear Warranty



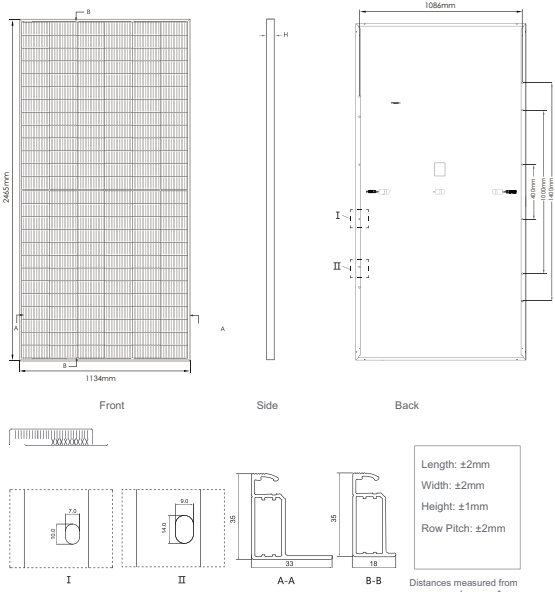
### Comprehensive Certificates

- ISO9001:2015
- ISO14001:2015
- ISO45001:2018
- IEC61215&IEC61730
- TUV
- CE
- UL



# TEXASUN 615W - 635W Monocrystalline Silicon(SINGLE)

### Engineering Drawings



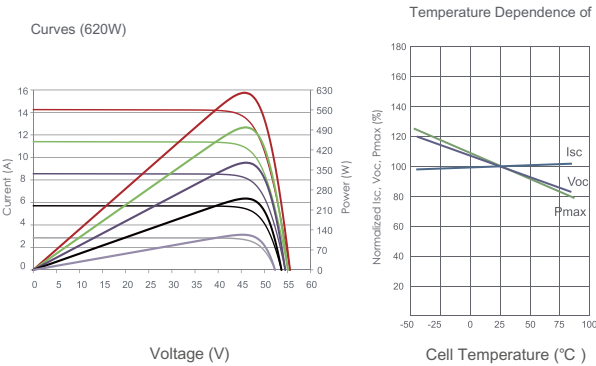
For detailed sizes and tolerance specification, please consult detailed module drawing

### Packaging Configuration

( Two pallets = One stack )

31pcs/pallets, 62pcs/stack, 496pcs/ 40'HQ Container

### Electrical Performance& Temperature Dependence



### Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	156 (2×78)
Dimensions	2465×1134×35mm (97.05×44.65×1.38 inch)
Weight	29.5 kg (65.04 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

### Specification

Module Type	TEXASUN-N6S		TEXASUN-N620S		TEXASUN-N625S		TEXASUN-N630S		TEXASUN-N635S	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	615Wp	463Wp	620Wp	467Wp	625Wp	471Wp	630Wp	475Wp	635Wp	479Wp
Maximum Power Voltage (Vmp)	46.81V	43.85V	46.97V	44.00V	47.14V	44.14V	47.30V	44.29V	47.46V	44.43V
Maximum Power Current (Imp)	13.14A	10.57A	13.20A	10.62A	13.26A	10.67A	13.32A	10.72A	13.38A	10.77A
Open-circuit Voltage (Voc)	56.25V	42.75V	56.40V	42.86V	56.55V	42.98V	56.70V	43.09V	56.85V	43.21V
Short-circuit Current (Isc)	13.80A	11.14A	13.86A	11.19A	13.92A	11.24A	13.98A	11.28A	14.04A	11.33A
Module Efficiency STC (%)	22.00%		22.18%		22.36%		22.54%		22.72%	
Operating Temperature( °C)	-40℃~+85℃									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.29%/℃									
Temperature coefficients of Voc	-0.25%/℃									
Temperature coefficients of Isc	0.04 %/℃									
Nominal operating cell temperature (NOCT)	45±2℃									

