

TRIEX.

powered by Trisun Energies

TE-620-N132M10
182 BIFACIAL MODULES

620W

High efficiency mono bifacial modules



KEY FEATURES



Anti-Reflective
Coating Glass



IP68 Rated
Junction Box



Enhanced Mechanical Load
2400Pa / 5400Pa Certified



SMBB Technology
Higher Power Output



PID Resistance
Enhanced Reliability



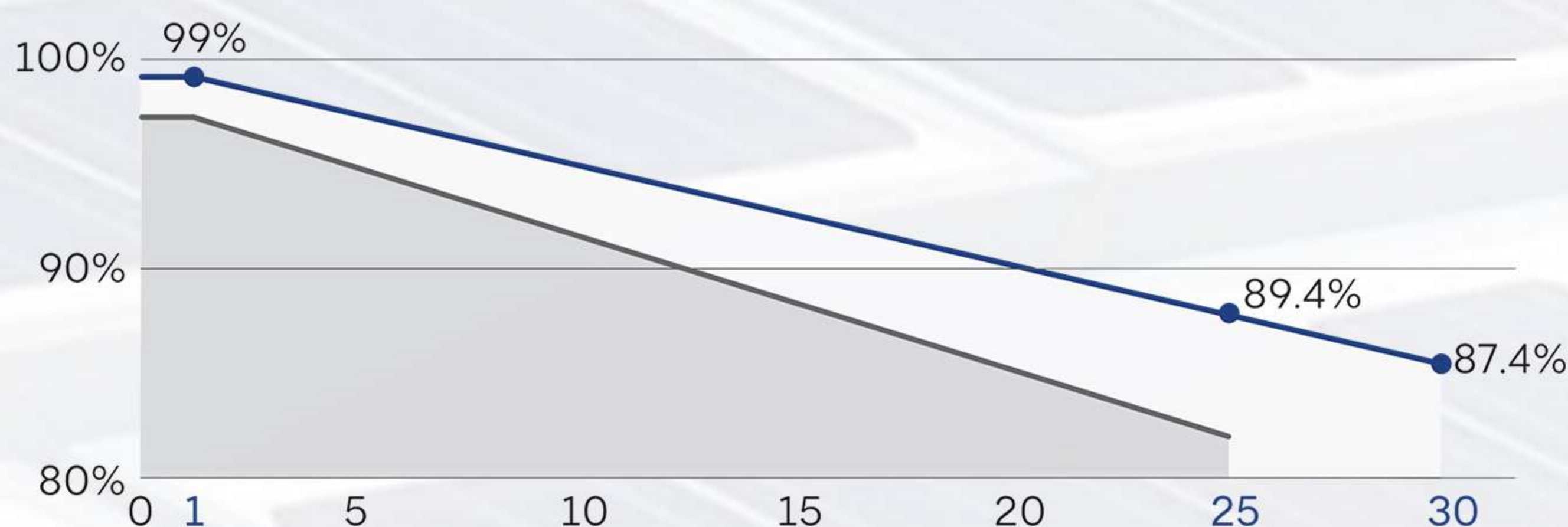
22.95% Efficiency
N-Type Mono-Bifacial



Hot 2.0 Technology
Lower LID/LETID Loss



Duplex Power Generation
Up to 25% Rear Gain



■ TRIEX TOPCON Module
■ Common Module

CERTIFICATE



www.triexbyte.com

|

info@triexbyte.com

BIFACIAL 620W TECHNICAL PARAMETERS

Electrical Parameters (STC*)	
Maximum Power (W)	620
Maximum Power Voltage (V)	41.00
Maximum Power Current (A)	15.12
Open Circuit Voltage (V)	49.60
Short Circuit Current (A)	15.91
Module Efficiency (%)	22.95
Power Tolerance	0~+3%
*Irradiance 1000W/m ² , Module Temperature 25°C, Air Mass 1.5	
Electrical Parameters (NOCT*)	
Maximum Power (W)	461.9
Maximum Power Voltage (V)	37.94
Maximum Power Current (A)	12.17
Open Circuit Voltage (V)	45.90
Short Circuit Current (A)	12.81
*Irradiance 800W/m ² , Ambient Temperature 20°C, Wind Sped 1m/s	
Backside Power Gain	
Backside Power Gain(%)	20%
Maximum Power(Pmax/W)	756
Open Circuit Voltage(Voc/V)	50.7
Short Circuit Current(Isc/A)	19.13
Maximum Power Voltage(Vmp/V)	42.45
Maximum Power Current(Imp/A)	17.81
Mechanical Parameters	
Cell Type	182x105mm N-Type
Number of Cells	132cells (2x66)
Dimensions	2382x1134x30mm
Weight	32.5KG
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Composite Frame/Steel Frame/Anodized Aluminium Alloy Frame
J-Box	IP68 Rated, MC4 Compatible
Output Cable	4mm ² , 300mm Standard
Temperature Coefficient	
Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Isc	0.045%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Pmax	-0.29%/°C
Application Parameters	
Operational Temperature (°C)	-40°C~+85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	30A
Wind/ Snow Load	2400Pa/5400Pa
Packaging Configuration	37PCS/PLT,740PCS/40HQ

*The above parameters are for reference only, and the actual parameters of the factory shall prevail