



M/ET-PD-EN2024Y2

info@elite-solar.com

ET-NR66TBHGL

605W-625W

N Type BIFACIAL MODULE



SMBB Technology

Uses advanced technology to enhance light trapping and optimize current collection, resulting in increased module power output and reliability.



PID Resistance

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



Increased Power Output

Module power increases approximately 5-25% , resulting in significantly lower LCOE and higher IRR.



Lower temperature coefficient

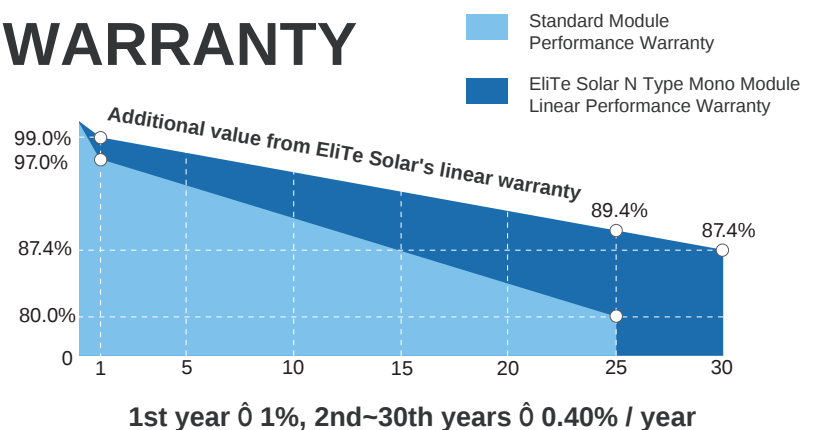
The temperature coefficient of Pmax is $-0.30\%/^{\circ}\text{C}$, increases energy yield in hot climate.



Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

WARRANTY



15
YEARS

Guarantee on product material and workmanship

30
YEARS

Linear power output warranty

ELECTRICAL SPECIFICATIONS					
Module Type	ET-NR66TBH605GL	ET-NR66TBH610GL	ET-NR66TBH615GL	ET-NR66TBH620GL	ET-NR66TBH625GL
STC/NOCT	STC	STC	STC	STC	STC
Maximum Power -P _{mp} (W)	605	610	615	620	625
Open Circuit Voltage -V _{oc} (V)	47.70	47.90	48.10	48.30	48.50
Short Circuit Current -I _{sc} (A)	15.83	15.86	15.89	15.91	15.92
Maximum Power Voltage -V _{mp} (V)	40.50	40.80	41.10	41.40	41.70
Maximum Power Current -I _{mp} (A)	14.94	14.96	14.98	14.99	15.00
Module Efficiency STC-η _m (%)	22.40%	22.58%	22.77%	22.95%	23.14%
Power Tolerance (W)	0-+3%				
Pmax Temperature Coefficient	-0.30%/°C				
Voc Temperature Coefficient	-0.22%/°C				
Isc Temperature Coefficient	+0.042%/°C				
Fire Performance	Type 29(UL)				

ELECTRICAL SPECIFICATIONS(NOCT)					
Module Type	ET-NR66TBH605GL	ET-NR66TBH610GL	ET-NR66TBH615GL	ET-NR66TBH620GL	ET-NR66TBH625GL
Maximum Power -P _{mp} (W)	461	465	469	472	476
Open Circuit Voltage -V _{oc} (V)	45.81	45.97	46.13	46.30	46.46
Short Circuit Current -I _{sc} (A)	12.85	12.90	12.95	13.00	13.05
Maximum Power Voltage -V _{mp} (V)	37.77	37.93	38.09	38.25	38.41
Maximum Power Current -I _{mp} (A)	12.20	12.25	12.30	12.35	12.40

MECHANICAL SPECIFICATIONS	
External Dimension	2382 1134 30mm (93.78 44.65 1.18 inch)
Weight	32.5kg
Solar Cells	N Type 182 x 105 mm (132pcs)
Front Glass/Back Glass	2.0mm/2.0mm
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length (Including Connector)	4.0 mmi(12AWG), Portrait:200mm(+)/400mm(-);Or customized
Connector	MC4 Compatible
Power Bifaciality*	80%±5%

APPLICATION CONDITIONS	
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER	
Container	40'HQ
Pieces per Pallet	3
Size of packing (mm)	2400*1110*1240
Weight of packing (kg)	1220
Pieces per Container	! 0"#40\$% ' (

Note: The specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800 W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum. Please contact info@elite-solar.com for technical support. The actual transactions will be subject to the contracts. This parameter is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

