

Fire Class A
Available



High Energy
Performance



Strengthened
Mechanical Load



Advanced Bifacial
Efficiency



100% Inspection
30years Guarantee



SMBB Technology
Half Cut N Type Cell

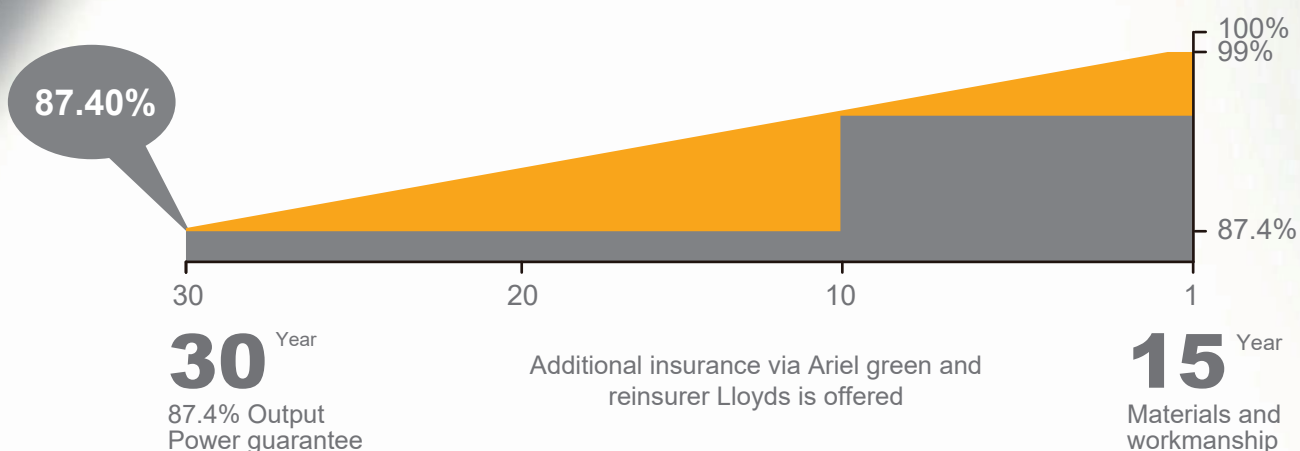


SN TC 600-620-132

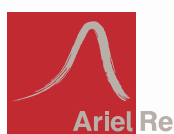
600-620 Watt

210x182mm 16BB 132Cells Double Glass Bifacial
N Type Mono Half Cell PV Module Series

SolNeos N Type Linear Warranty



30 Year
87.4% Output
Power guarantee



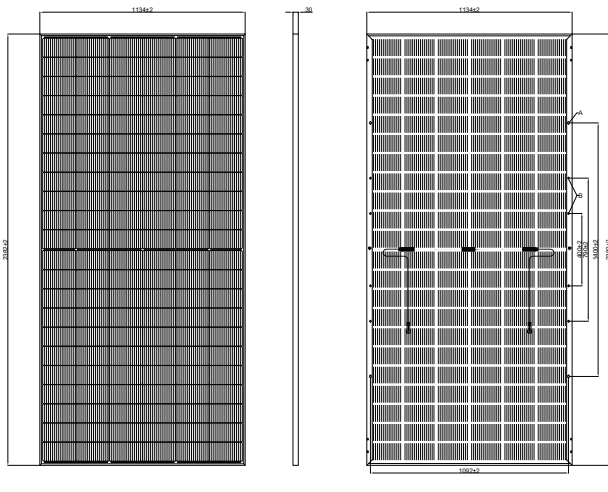
LLOYD'S
Underwriters



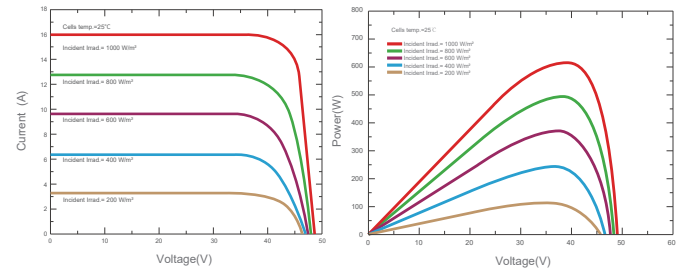
15 Year
Materials and
workmanship

SN TC 600-620-132

210x182mm 16BB 132Cells Double Glass Bifacial N
Type Mono Half Cell PV Module Series



Current-Voltage & Power-Voltage Curves (SN TC 620)



All Dimensions in mm
The above drawing is a graphical representation of the product. For engineering quality drawings please contact SolNeos.

Electrical Characteristics (STC/NMOT)

Module Type	SN TC 600		SN TC 605		SN TC 610		SN TC 615		SN TC 620	
Front Side	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power- Pmax(W)	600	453.1	605	456.9	610	460.7	615	464.4	620	468.2
Open Circuit Voltage - Voc(V)	48.30	45.86	48.50	46.05	48.70	46.24	48.90	46.43	49.10	46.62
Short- Circuit Current - Isc(A)	15.83	12.79	15.89	12.83	15.95	12.88	16.01	12.93	16.07	12.98
Voltage at Pmax -Vmp(V)	40.18	37.60	40.33	37.76	40.48	37.92	40.62	38.10	40.76	38.25
Current at Pmax - Imp(A)	14.93	12.05	15.00	12.10	15.07	12.15	15.14	12.19	15.21	12.24
Module Efficiency - η m(%)	22.20	/	22.40	/	22.60	/	22.80	/	23.00	/
Power Tolerance(W)	(0, +5W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	30A									

STC : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

NMOT : Irradiance 800W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

Mechanical Specifications

External Dimensions	2382x1134x30mm
Weight	32.4kg
Solar Cells	N-Type 16BB 210x182mm (2x66pcs)
Glass	AR Coated 2+2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 1200mm (+), 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Temperature Characteristics

Pmax Temperature Coefficient	-0.290%/°C
Voc Temperature Coefficient	-0.250%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NMOT)	45±2°C

Bifacial Output Rear Side Power Gain

Power Gain	5%	10%	20%
Maximum Power- Pmax(W)	651.0	682.0	744.0
Open Circuit Voltage - Voc(V)	49.10	49.10	49.10
Short- Circuit Current - Isc(A)	16.87	17.67	19.28
Voltage at Pmax -Vmp(V)	40.76	40.76	40.76
Current at Pmax - Imp(A)	15.97	16.73	18.25

Packing Configuration

Pallet Dimensions	1164x1140x2495mm
Container	40'HQ
Pieces per Pallet	37
Pallets per Container	20
Pieces per Container	740