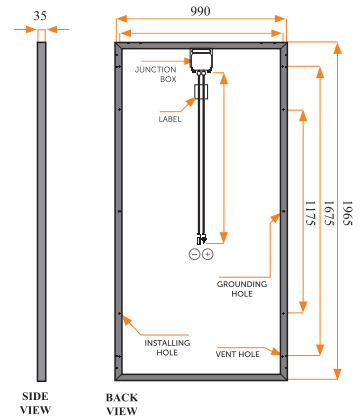
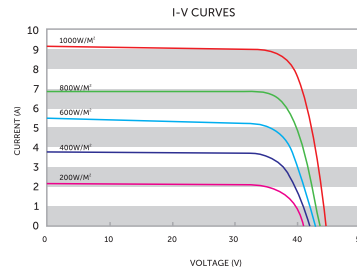


MODULE :  
315W-350W (72 CELLS)

## MECHANICAL DATA

- Cell Type : 156.75mm x 156.75mm
- Cell Arrangement : 72 Cells in series
- Dimensions : 1965 x 990 x 40/35mm
- Weight : 22.00kg
- Front Cover : 3.2 mm tempered glass
- Frame Material : Anodized Aluminium Alloy
- J-Box : IP67, 3 diodes
- Cable : 4mm<sup>2</sup>



## ELECTRICAL SPECIFICATION

Electrical parameters at standard test conditions (STC:AM=1.5, 1000W/m<sup>2</sup>, Cells Temperature 25°C)

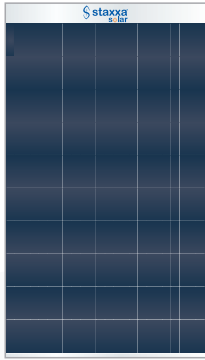
Model Type	SNS-315	SNS-320	SNS-325	SNS-330	SNS-335	SNS340	SNS-350	
Nominal Maximum Power (Pmax)	315W	320W	325W	330W	335W	340W	350W	
Optimum Operating Voltage (Vmp)	37.48V	37.78V	38.10V	38.42V	37.99V	38.25V	38.76V	
Optimum Operating Current (Imp)	8.41A	8.47A	8.53A	8.59A	8.82A	8.91A	9.03A	
Open Circuit Voltage (Voc)	45.07V	45.29V	45.50V	45.79V	46.12V	46.47V	46.89V	
Short Circuit Current (Isc)	8.80A	8.87A	8.94A	9.01A	9.30A	9.38A	9.50A	
Module Efficiency ( % )	16.11	16.37	16.62	16.88	17.13	17.39	17.90	
Power Tolerance							0 to +6W	
Maximum System Voltage							DC 1500V	
Operating Temperature							-40C ~ +85C	
Maximum Series fuse Rating							20A	
Numbers of Bypass Diode							3	



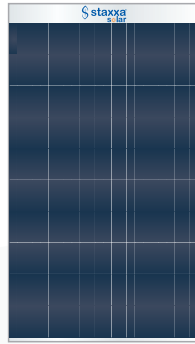
QUALITY DESIGN | GREAT DURABILITY | EASY INSTALLATION

Also Available In a range of WP as per Customer Requirement

\* All data as per standard test condition \* Actual product specification make vary \* Please check actual test report attached with each panel.



MODULE :  
200W-220W



MODULE :  
160W



MODULE :  
100W-110W

### MECHANICAL DATA

	MODULE : 200-220W	MODULE : 160W	MODULE : 100-110W
Cell Type	: 104mm x 156.75mm	78.37mm x 156.75mm	104/52mm x 156.75mm
Cell Arrangement	: 72 Cells in series	72 Cells in series	36/72 Cells in series
Dimensions	: 1335x990x35mm	1490x670x35mm	1010x665x35mm
Weight	: 13.50kg	12kg	7.8kg
Front Cover	: 3.2 mm tempered glass	3.2 mm tempered glass	3.2 mm tempered glass
Frame Material	: Anodized Aluminium Alloy	Anodized Aluminium Alloy	Anodized Aluminium Alloy
J-Box	: IP67, 3 diodes	IP67, 2 diodes	IP67, 2 diodes
Cable	: 4mm <sup>2</sup>	4mm <sup>2</sup>	

### ELECTRICAL SPECIFICATION

Electrical parameters at standard test conditions (STC:AM=1.5, 1000W/m<sup>2</sup>, Cells Temperature 25°C)

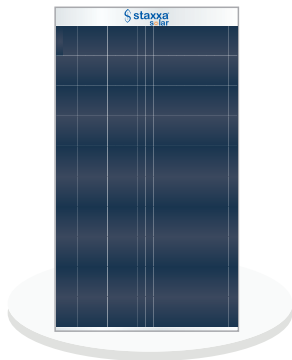
Model Type	SNS-220	SNS-200	SNS-160	SNS-110	SNS-100
Nominal Maximum Power (Pmax)	: 220W	200W	160W	110W	100W
Optimum Operating Voltage (Vmp)	: 19.35V	19.04V	19.35	19.00	18.95V
Optimum Operating Current (Imp)	: 11.37A	10.09A	8.46A	5.69A	5.29A
Open Circuit Voltage (Voc)	: 23.69V	23.39V	23.01V	22.97V	22.68V
Short Circuit Current (Isc)	: 11.97A	11.06A	8.84A	5.99A	5.53A
Module Efficiency ( % )	: 16.52	15.02	15.83	15.91	14.46
Power Tolerance	:		0 to +6W		
Maximum System Voltage	:		DC 1000V		
Operating Temperature	:		-40C ~ +85C		
Maximum Series fuse Rating	: 20A	20A	10A	10A	10A
Numbers of Bypass Diode	: 3	3	2	2	2



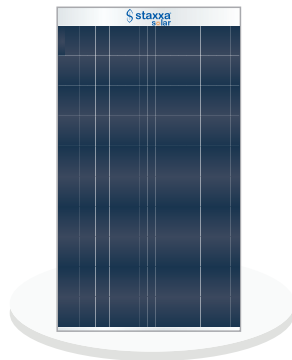
QUALITY DESIGN | GREAT DURABILITY | EASY INSTALLATION

Also Available In a range of WP as per Customer Requirement

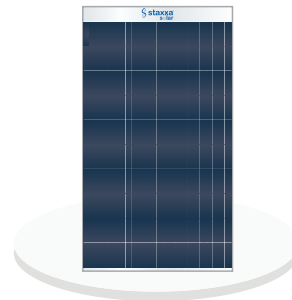
\* All data as per standard test condition \* Actual product specification make vary \* Please check actual test report attached with each panel.



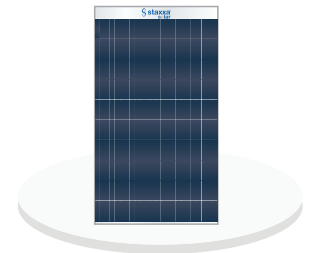
MODULE : 160W



MODULE : 150W



MODULE : 140W



MODULE : 120W

MECHANICAL DATA	MODULE : 160W	MODULE : 150W	MODULE : 140W	MODULE : 120W
Cell Type	: 156.75mm x 156.75mm	156.75mm x 156.75mm	136mm x 156.75mm	120mm x 156.75mm
Cell Arrangement	: 36 Cells in series	36 Cells in series	36 Cells in series	36 Cells in series
Dimensions	: 1490x670x35mm	1490x670x35mm	1305x 665 x 35mm	1165x 665 x 35mm
Weight	: 12kg	12kg	10.5kg	9.5kg
Front Cover	: 3.2 mm tempered glass	3.2 mm tempered glass	3.2 mm tempered glass	3.2 mm tempered glass
Frame Material	: Anodized Aluminium Alloy	Anodized Aluminium Alloy	Anodized Aluminium Alloy	Anodized Aluminium Alloy
J-Box	: IP67, 2 diodes	IP67, 2 diodes	IP67, 2 diodes	IP67, 2 diodes

## ELECTRICAL SPECIFICATION

Electrical parameters at standard test conditions (STC:AM=1.5, 1000W/m<sup>2</sup>, Cells Temperature 25°C)

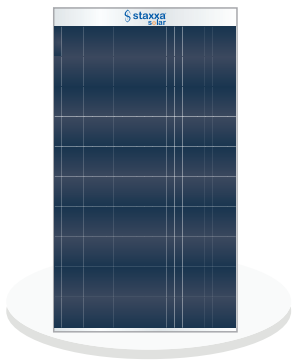
Model Type	SNS-160	SNS-150	SNS-140	SNS-120
Nominal Maximum Power (P <sub>max</sub> )	: 160W	150W	140W	120W
Optimum Operating Voltage (V <sub>mp</sub> )	: 18.89V	18.18V	19.03V	18.71V
Optimum Operating Current (I <sub>mp</sub> )	: 8.47A	8.25A	7.36A	6.42A
Open Circuit Voltage (V <sub>oc</sub> )	: 22.64V	22.25V	22.72V	22.54
Short Circuit Current (I <sub>sc</sub> )	: 8.87A	8.67A	7.72A	6.7A
Module Efficiency ( % )	: 16.45	15.14	16.07	15.49
Power Tolerance	:	0 to + 6W		
Maximum System Voltage	:	DC 1000V		
Operating Temperature	:	-40C ~ +85C		
Maximum Series fuse Rating	: 10A	10A	10A	10A
Numbers of Bypass Diode	: 2	2	2	2



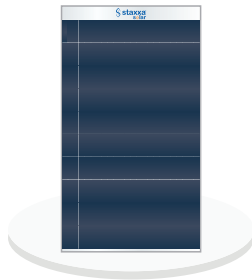
## QUALITY DESIGN | GREAT DURABILITY | EASY INSTALLATION

### Also Available In a range of WP as per Customer Requirement

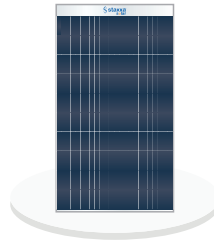
\* All data as per standard test condition \* Actual product specification make vary \* Please check actual test report attached with each panel.



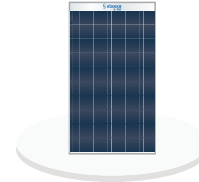
MODULE : 80W



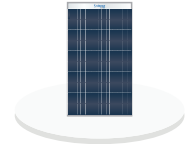
MODULE : 75W



MODULE : 60W



MODULE : 50W



MODULE : 40W

MECHANICAL DATA	MODULE : 80W	MODULE : 75W	MODULE : 60W	MODULE : 50W	MODULE : 40W
Cell Type	: 78.37mm x 156.75mm	78.37mmx156.75mm	62mmx156.75mm	52.25mmx156.75mm	39x156mm.75mm
Cell Arrangement	: 36 Cells in series	36 Cells in series	36 Cells in series	36 Cells in series	36 cells in series
Dimensions	: 780 x 665 x 30mm	780 x 665 x 30	630 x 665 x 30	545 x 665 x 30	435 x 665 x 30
Weight	: 6.2kg	6.2kg	4.8kg	4.6kg	3.8kg
Front Cover	: 3.2 mm tempered glass	3.2mm tempered glass	3.2mm tempered glass	3.2mm tempered glass	3.2mm tempered glass
Frame Material	: Anodized Aluminium Alloy	Anodized Aluminium alloy	Anodized Aluminium alloy	Anodized Aluminium alloy	Anodized Aluminium alloy
J-Box	: IP65, 2 diodes	IP65 , 2 diodes	IP65 , 2 diodes	IP65 , 2 diodes	IP65 , 2 diodes

## ELECTRICAL SPECIFICATION

Electrical parameters at standard test conditions (STC:AM=1.5, 1000W/m2, Cells Temperature 25°C)

Model Type	SNS- 80W	SNS- 75W	SNS- 60W	SNS- 50W	SNS- 40W
Nominal Maximum Power (Pmax)	: 80W	75W	60W	50W	40W
Optimum Operating Voltage (Vmp)	: 18.91V	18.45V	18.52V	18.43V	19.00V
Optimum Operating Current (Imp)	: 4.23A	4.06A	3.24A	2.71A	2.10A
Open Circuit Voltage (Voc)	: 22.68V	22.25V	22.32V	22.28V	22.68V
Short Circuit Current (Isc)	: 4.42A	4.34A	3.45A	2.88A	2.21A
Module Efficiency ( % )	: 15.42	14.26	14.32	13.80	13.83
Power Tolerance	:		0 TO +2%		
Maximum System Voltage	:		DC 600V		
Operating Temperature	:		-40°C - +85°C		
Maximum Series fuse Rating	: 10A	10A	6A	6A	6A
Numbers of Bypass Diode	: 2	2	2	2	1



QUALITY DESIGN | GREAT DURABILITY | EASY INSTALLATION

Also Available In a range of WP as per Customer Requirement

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