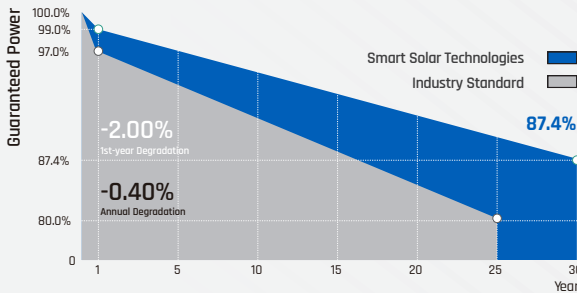


610-635W

Bifacial Module

N-TOPCON-16BB-210R



Product Characteristics

- Optimized cell size brings higher power and Lower transportation costs

Extraordinary Product Performance

- N-type with lower LID and LeTID
- Up to 30% additional power yield benefited from bifacial technology and over 80% cell bifaciality
- Competitive high-temperature performance with ameliorated temperature coefficient
- Better weak illumination response, higher power generation with N-TOPCon technology

High Quality Reliability

- Industry-leading cell processing technology and dual glass contributes to excellent anti-PID characteristic

Wider Application Conditions

- Universal solution for residential and C&I rooftops
- BIPV , vertical installation , snowfield , high-humid area , windy anddusty area
- Easy for integration, designed for compatibility with existing mainstream inverters and diverse mounting systems

ELECTRICAL TYPICAL VALUES

Model	SS610L8GFH-22/WNH		SS615L8GFH-22/WNH		SS620L8GFH-22/WNH		SS625L8GFH-22/WNH		SS630L8GFH-22/WNH		SS635L8GFH-22/WNH	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (Pmpp)	610	464	615	468	620	472	625	475	630	479	635	483
Rated Current (Impp)	14,44	11,55	14,53	11,70	14,62	11,78	14,71	11,85	14,80	11,92	14,89	11,99
Rated Voltage (Vmpp)	42,33	40,14	42,33	40,53	42,41	40,61	42,49	40,68	42,57	40,76	42,65	40,84
Short Circuit Current (Isc)	15,50	12,40	15,59	12,56	15,68	12,63	15,77	12,70	15,86	12,77	15,95	12,85
Open Circuit Voltage (Voc)	48,59	46,16	48,71	46,64	48,82	46,75	48,94	46,86	49,05	46,97	49,16	47,07

BIFACIALITY

Maximum Power (Pmax)	672	677	683	688	694	699
Optimum Operating Current (Impp)	15,50	15,99	16,10	16,19	16,30	16,39
Optimum Operating Voltage (Vmpp)	42,25	42,33	42,41	42,49	42,57	42,65
Short Circuit Current (Isc)	17,05	17,15	17,25	17,35	17,45	17,55
Open Circuit Voltage (Voc)	48,59	48,71	48,82	48,94	49,05	49,16

TEMPERATURE RATINGS

Tolerance	0--+5W
Voltage Temperature Coefficient	-0.25%/°C
Current Temperature Coefficient	+0.04%/°C
Power Temperature Coefficient	-0.29%/°C
Bifaciality	80+10%

Standart Test Conditions (STC): Irradiance 1000W/m², AM 1.5, Cell Temperatur 25°C
 Nominal Operation Cell Temperature (NOCT): Irradiance 800W/m², Ambient Temperatur 20°C, Spectra at AM1.5, Wind 1m/s

ABSOLUTE MAX RATING

Operating Temperature	From -40 to +85°C
Hail Diameter @ 80km/h	Up to 25mm
Front Side Maximum Static Loading	3600Pa
Rear Side Maximum Static Loading	1600Pa
Maksimum Series Fuse Rating	30A
PV Module Classification	II
Fire Rating (IEC61730)	C
Maksimum System Voltage	DC 1500V

MECHANICAL CHARACTERISTICS

Dimension (L x W x H)	Length: 2384mm Width: 1134mm Height: 30mm
Weight	32.6kg
Cell Type	Monocrystalline 210 x 182mm
Glass	2mm /2mm Heat Strengthened Glass
Frame	Anodized aluminium alloy
Cable	4mm ² (IEC), (+): 350mm,(-): 250mm or Customized Length <small>*The requested cable length must be specified before the offer.</small>
Junction Box	IP 68 Rated

ELECTRICAL CHARACTERISTIC
