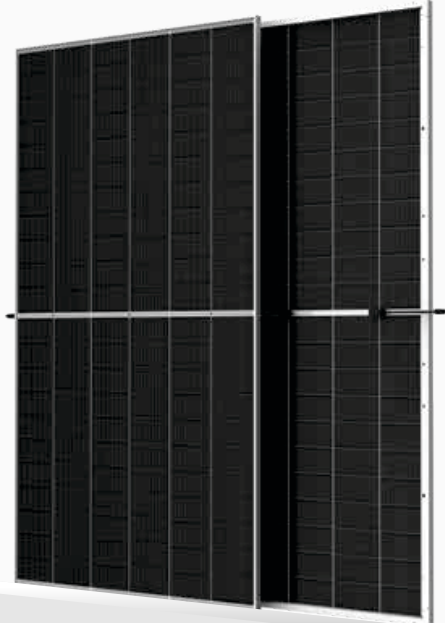


# G12 - 66

N TYPE TOPCON BIFACIAL DUAL GLASS MODULE



**725W**  
Maximum Power

**23.34 %**  
Maximum Efficiency

**0~+5W**  
Power Tolerance

### Higher power generation, lower LCOE

- Generates more electricity at a lower cost per unit.
- Delivers maximum energy from every panel.
- Ensures faster payback and better ROI

### Higher power output, higher efficiency

- Produces higher wattage from the same area.
- Converts sunlight into electricity more effectively.
- Maximizes performance in limited roof or ground space.

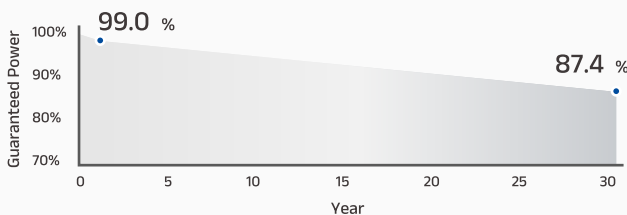
### Enhanced reliability performance

- Built to deliver stable output in all conditions.
- Designed for long life with minimal downtime.
- Reduces maintenance costs with proven durability.

### Higher bifaciality, superior energy yield

- Absorbs sunlight from both front and back sides.
- Increases total energy production significantly.
- Performs efficiently even in reflective environments.

### Linear Performance Warranty



\* Please refer to product warranty for details

### Quality Management System and Product Certification

- ISO9001:2015 / Quality Management System
- ISO14001:2015 / Environmental Management System
- ISO45001:2018 / Occupational Health and Safety Management System
- IEC62941:2019 / Quality System for PV Module Manufacturing
- IEC 61215 / IEC 61730, IEC TS 62804
- IEC 61701, IEC 62716, IEC 60068-2-68



### SGET12G132-XXX

N TYPE TOPCON BIFACIAL DUAL GLASS MODULE

**725W**  
Maximum Power

**23.34%**  
Maximum Efficiency

**0~+5W**  
Power Tolerance

### Electrical Parameter (STC & NOCT)

Testing Conditions		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	Pmax (W)	700	530	705	534	710	537	715	541	720	545	725	549
Open Circuit Voltage	Voc (V)	48.85	46.56	48.95	46.66	49.05	46.75	49.15	46.85	49.25	46.95	49.35	47.04
Short Circuit Current	Isc(A)	18.31	14.65	18.36	14.69	18.39	14.71	18.42	14.74	18.49	14.79	18.54	14.83
Maximum Power Voltage	Vmp(V)	40.49	38.6	40.68	38.78	40.9	38.99	41.12	39.2	41.3	39.37	41.5	39.56
Maximum Power Current	Imp(A)	17.29	13.83	17.33	13.86	17.36	13.89	17.39	13.91	17.44	13.95	17.47	13.98
Module Efficiency	%	22.5		22.7		22.9		23		23.2		23.3	

STC irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM 1.5, NOCT:Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s

\* Measuring tolerance : ±3% \*\*Power Selection upto +3%

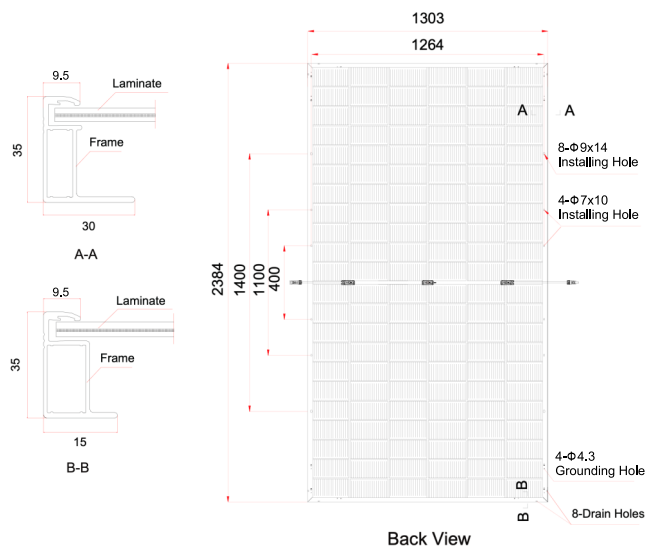
### Electrical Characteristics with differen power bin (reference to 5% & 10% backside power gain)

Backside Power Gain		5%	10%	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%
Maximum Power	Pmax (W)	735	770	740	775	746	781	751	786	756	792	761	798
Open Circuit Voltage	Voc (V)	48.85	48.85	48.95	48.95	49.05	49.05	49.15	49.15	49.25	49.25	49.35	49.35
Short Circuit Current	Isc(A)	19.23	20.14	19.28	20.2	19.31	20.23	19.34	20.26	19.41	20.34	19.47	20.39
Maximum Power Voltage	Vmp(V)	40.49	40.49	40.68	40.68	40.9	40.9	41.12	41.12	41.3	41.3	41.5	41.5
Maximum Power Current	Imp(A)	18.16	19.02	18.2	19.06	18.23	19.1	18.26	19.13	18.31	19.18	18.34	19.22

Power Bifacility:\*80±5% \* BNPI: Irradiance: front 1000W/m<sup>2</sup>, rear 135W/m<sup>2</sup>, Temperature25°C, Air Mass AM1.5

### Mechanical Data

Solar Cell	N-Type i-TOPCon Bifacial
No. of Cells	132pcs (11x6x2)
Dimension	2384x1303x35mm
Weight	39.60kg
Front Glass	2.0 mm, AR Coating Heat Strengthened Glass
Back Glass	2.0 mm, Heat Strengthened Glass
Frame	35 mm Anodized Aluminium Alloy
J-Box	IP 68 Rated
Cables	4.0 mm <sup>2</sup> , 300mm cable length (size can be customizable)
Diodes	3
Maximum Static Load	Front: 5400Pa/Back:2400Pa*



### Packaging Configuration

Module per Pallet	28 pcs
Module per 40'HQ Container	616 pcs
Pallets per 40'HQ Container	22 Pallets

### Temperature Coefficient

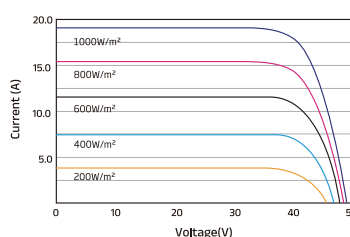
Nominal Module Operating Temperature*	43±2° C
Temperature Coefficient of Isc	+0.045%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Pmax	-0.29%/°C

### Operating Parameters

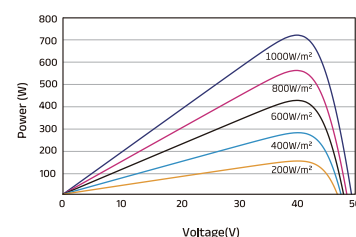
Operating Temperature	-40~+85° C
Maximum System Voltage	1500V DC (IEC)
Maximum Series Fuse Rating	35A
Power Bifacility	80±5%

### Curve Graph

I-V CURVES OF PV MODULE(725 W)



P-V CURVES OF PV MODULE(725 W)



CAUTION: READ SAFETY AND INSTALLATION BEFORE USING THE PRODUCT

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