

# STG-710W-Bifacial-Double Glass

**N-TOPCon**  
**Monocrystalline Module**

**2384×1303×35**      **210×105**

Dimensions (mm)      Cell size (mm)

**132CELL**      **675-710Wp**

Mono TOPCon      Power output

**1500V DC**      **22.86%**

Max. system voltage      Max. efficiency



## KEY FEATURES

**ZERO LID**  
N-Type cell is characterized by "0" LID, which generates more power.

**PID Resistance**  
Excellent Anti-PID performance guarantee via optimized mass-production process and material control.

**Durability Against Extreme Environmental Conditions**  
High salt mist and ammonia resistance certified by TUV NORD. Lower temperature coefficients and operating temperature.

**More Outstanding Low-light Performance**  
Higher power output even under low-light environments like on cloudy days.

**Enhanced Mechanical Load**  
Certified to withstand: wind load (2400 Pa) and snow load (5400 Pa).

**2 EL Full Inspection**  
Dual-stage 100% EL Inspection.

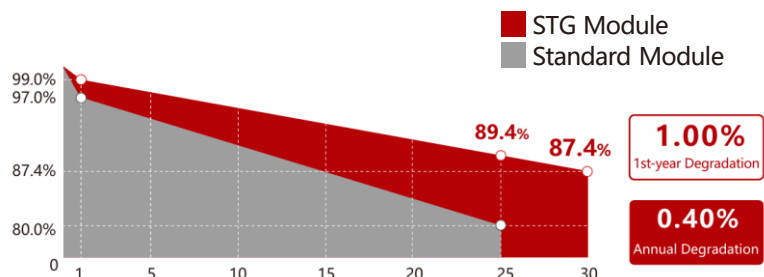


### Comprehensive Products and System Certificates

IEC61215/IEC61730/IEC61701/IEC62716  
ISO 9001: Quality Management System  
ISO 14001: Environmental Management System  
ISO14064: Greenhouse Gases Emissions Verification  
OHSAS 18001: Occupational Health and Safety Management System

### LINEAR PERFORMANCE WARRANTY

12-year product warranty / 30-year linear power warranty

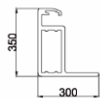
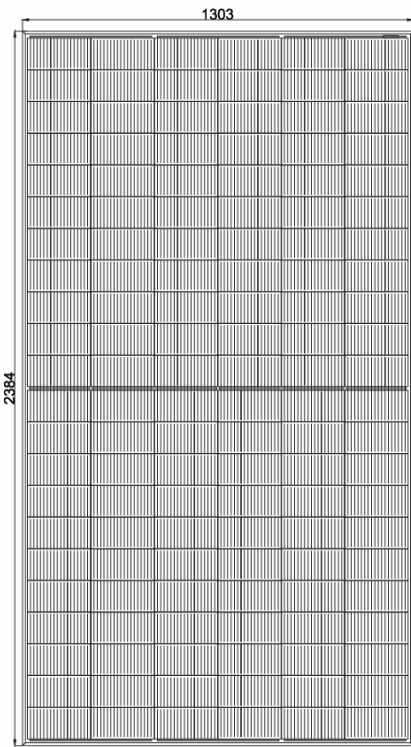


12 Years Product Material & Workmanship

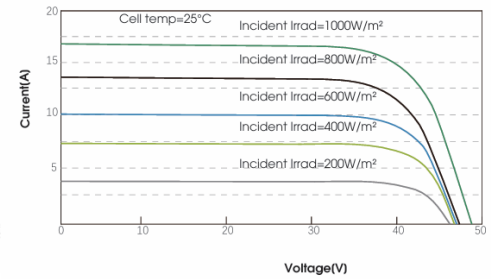
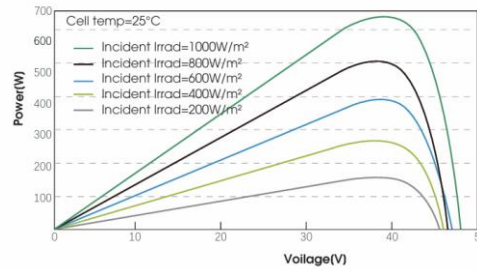
30 Years Linear Performance Warranty

### Dimensions of PV Module

Unit: mm



### I-V characteristics at different irradiances



### Mechanical Parameters

Cell Type	N type Mono-crystalline
No. of cells	132(6x22)
Dimensions	2384×1303×35mm
Weight	39.5kg
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminum Alloy Frame
Junction Box	IP68 Rated / 3 Diodes
Output Cables	4.0mm²/+450mm -250mm, or Customized Length

### SPECIFICATIONS

Module Type	210THCD690-66		210THCD695-66		210THCD700-66		210THCD705-66		182THCD710-66	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	690	522	695	526	700	530	705	534	710	538
Maximum Power Voltage(Vmp/V)	39.90	37.50	40.20	37.70	40.40	37.90	40.60	38.10	40.80	38.30
Maximum Power Current(Imp/A)	17.29	13.92	17.31	13.95	17.33	13.98	17.36	14.02	17.40	14.05
Open-circuit Voltage(Voc/V)	47.70	45.10	47.90	45.30	48.10	45.50	48.30	45.70	48.50	45.90
Short-circuit Current(Isc/A)	18.36	14.69	18.44	14.74	18.48	14.79	18.52	14.84	18.57	14.89
Module Efficiency(%)	22.21%		22.37%		22.53%		22.70%		22.86%	
Operating Temperature(°C)	-40°C ~ +85°C									
Maximum system voltage	DC 1000V/1500V									
Maximum series fuse rating	35A									
Power tolerance	0~+5W									
Temperature coefficients of Pmax	-0.25%/°C									
Temperature coefficients of Voc	-0.29%/°C									
Temperature coefficients of Isc	0.04%/°C									
Nominal operating cell temperature(NOCT)	45±2°C									

### Packaging Configuration

Per Pallet	31 Pcs
Container	40'HQ
Pcs/Container	558