



465-485W

G7T60B | 120-cell

Bifacial Dual Glass

16BB Half-cut TOPCon Cell



Product Warranty



Power Warranty

KEY FEATURES



16BB Cell

More uniform current collection capability, reducing the current heat loss of the internal cells.



Lower LCOE

2% more power generation, lower LCOE



IP68 Junction Box

High waterproof level



Significantly Lower the Risk of Hot Spot

Special circuit design with much lower hot spot temperature



Excellent Anti-PID Performance

2 times of industry standard Anti-PID test



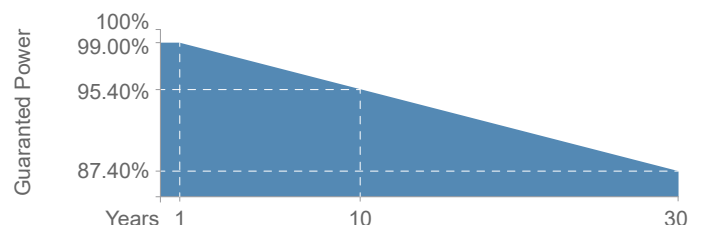
INTRODUCTION

SYSTEM & PRODUCT CERTIFICATES

- Manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard: ISO9001:2015, ISO14001: 2015 and ISO45001:2008
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716)
- Long term reliability tests
- 2x100% EL inspection ensuring defect-free modules
- Fire class1 certificate for ITALY

PERFORMANCE WARRANTY

12 Years Product Warranty 30 Years Linear Power Warranty



Teton-G7T60B 465-485W

485W

Output

22.50%

Efficiency

≤1%

First Year Degradation

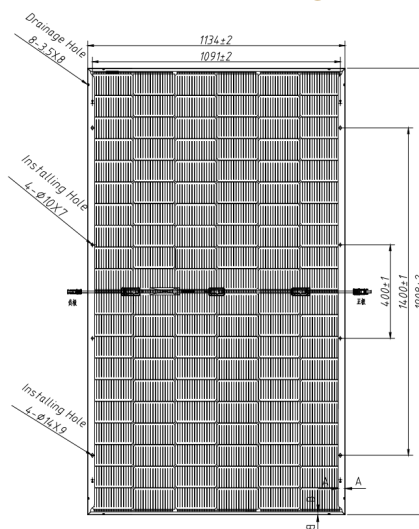
≤0.40%

Year 2-30 Power Degradation

Mechanical Characteristics

Cell Type	N-Type TOPCon Cell (16Busbar)
Dimension	1908×1134×30/35mm
Cell Dimension	182×91mm
Cell Amount	60×2 pcs
Weight	Approx 28.4/28.7kg
Junction Box	IP68
Frame	Anodized Aluminum
Glass	2.0, Anti-reflection coating glass 2.0, Hightransparency solar glass
Connector	MC4 Compatible or MC Compatible
Cable	4.0mm ² ,300mm

TECHNICAL DRAWING



Packing Configuration

Pieces Per Pallet	36/31 Pieces
Modules/40' Container	756/744 Pieces
Modules/17.5 Flatcar	1008/992 Pieces

Electrical Characteristics (STC: AM1.5 1000W/m² 25°C NOCT: AM1.5 800W/m² 20°C 1m/s)

Model	G7T60B-465W		G7T60B-470W		G7T60B-475W		G7T60B-480W		G7T60B-485W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	465	350	470	353	475	357	480	361	485	365
Operating Voltage (Vmpp/V)	34.89	32.77	35.05	32.94	35.21	33.10	35.38	33.27	35.55	33.44
Operating Current (Impp/A)	13.33	10.67	13.41	10.73	13.49	10.79	13.57	10.85	13.65	10.92
Open-circuit Voltage (Voc/V)	42.22	40.10	42.38	40.25	42.54	40.41	42.71	40.57	42.88	40.73
Short-circuit Current (Isc/A)	14.07	11.36	14.15	11.42	14.23	11.49	14.31	11.55	14.39	11.61
Modules Efficiency (%)	21.60		21.80		22.00		22.20		22.50	

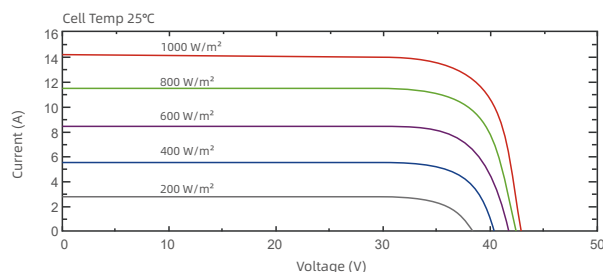
Temperature Ratings

NMOT	44±2°C
Temp Coefficient of ISC	+ 0.046%/°C
Temp Coefficient of VOC	- 0.25%/°C
Temp Coefficient of PMAX	- 0.30%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	25A

Optional

Connector	Original MC
Cable Length	1200mm
Frame	Black
Backsheet	Black

I-V Cure at Different Temperature [480W]



I-V / P-V Cure at Different Irradiation [480W]

