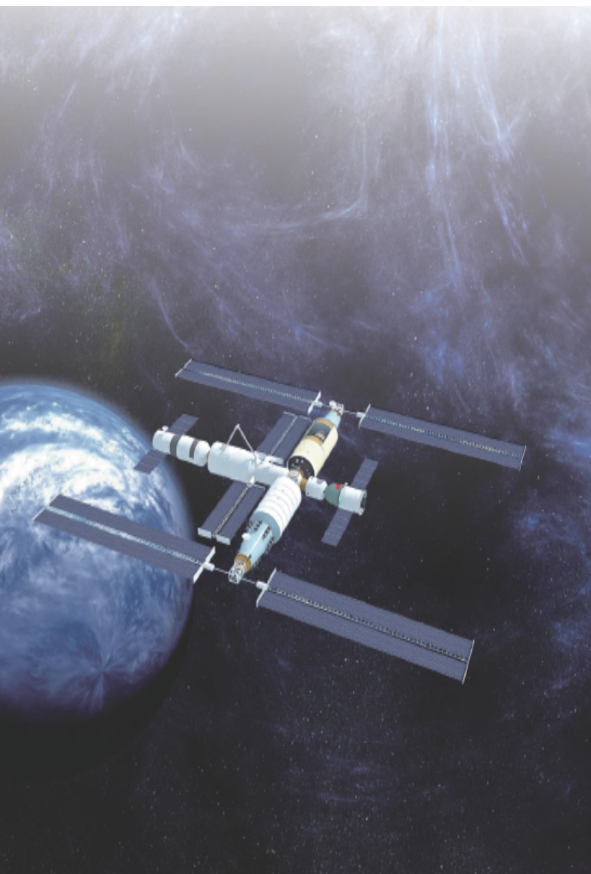
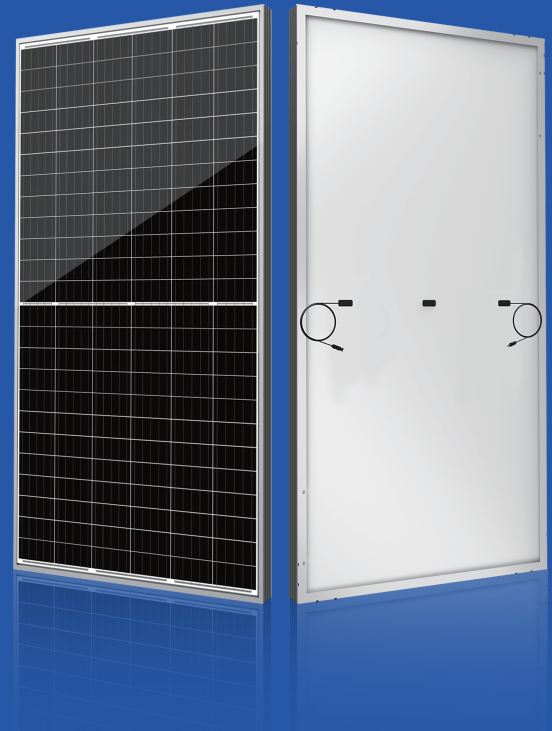




HG-Tiger Series

Power Output 72cells
530-550Wp

182mm Silicon wafer with Half-cut Tech
Multiple Mono Perc+ MBB Tech All In
To Improve Efficiency and Quality



KEY FEATURES

- Competitive Low Light Performance
- Less power Loss by Minimizing the Shading Impact
- 3 Times EL Test to Ensure Best Quality
- 2400Pa Wind Load and 5400Pa Snow Load [6 Points Fixed].
- Outstanding Reliability Proven for Stringent Environment Condition: Sand, Acid, Salt, Hail stones
- Reducing costs and Increasing Returns are Important goals for Solar
- PID Resistance



2%
All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

5W

**Positive tolerance
0/+5w guaranteed**



Half cut cell technology can reduce the internal power loss and improve component overall power. Excellent heat dissipation avoids hot spot production.



The optimized number and width of main gate lines, Maximize the light receiving area of components and Reduce component power consumption

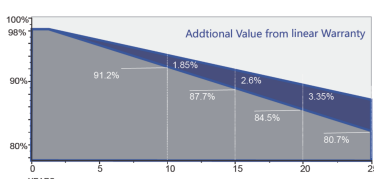


Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs



Entire module certified to with stand extreme wind (2400 Pa) and snow loads (5400 Pa)

WARRANTY



Guarantee on product material and workmanship



Linear power output warranty

QUALITY SYSTEM CERTIFICATES

ISO9001 | ISO14001 | OHSAS18001

Specific information is referred to the product quality guarantee



Comprehensive and first-rate certification system

Electrical Characteristics

Module Type (HV)	HGG-530-BMA	HGG-535-BMA	HGG-540-BMA	HGG-545-BMA	HGG-550-BMA
	STC	STC	STC	STC	STC
Maximum Power P_{mp}	530W	535W	540W	545W	550W
Open Circuit Voltage- V_{oc}	49.24V	49.39V	49.54V	49.69V	49.88V
Short Circuit Current- I_{sc}	13.76A	13.83A	13.89A	13.96A	14.01A
Max Power Voltage- V_{mp}	41.39V	41.57V	41.75V	41.87V	42.05V
Max Power Current- I_{mp}	12.81A	12.87A	12.94A	13.02A	13.08A
Module Efficiency STC- η_m	20.5 %	20.7 %	20.9 %	21.1 %	21.3 %
Power Tolerance(W)	(0, +5W)				
Maximum System Voltage	1000 / 1500V DC (IEC)				
Max Serie Fuse Rating	25 A				

*STC:Irradiance 1000W/m², module temperature 25, AM=1.5

Optional black frame or white frame module according to customer requirements

NMOT

Module Type (HV)	HGG-530-BMA	HGG-535-BMA	HGG-540-BMA	HGG-545-BMA	HGG-550-BMA
	NOCT	NOCT	NOCT	NOCT	NOCT
Maximum Power P_{mp}	402W	405W	409W	413W	417W
Open Circuit Voltage- V_{oc}	46.9V	47.0V	47.2V	47.3V	47.5V
Short Circuit Current- I_{sc}	11.22A	11.26A	11.30A	11.36A	11.41A
Max Power Voltage- V_{mp}	39.5V	39.6V	39.8V	39.9V	40.0V
Max Power Current- I_{mp}	10.18A	10.22A	10.29A	10.35A	10.41A

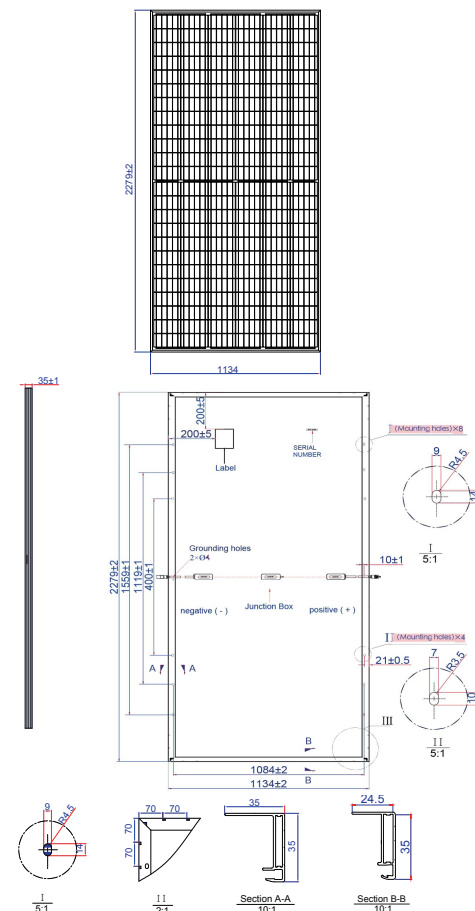
*NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1 m/s

Temperature characteristic

Pmax Temperature Coefficient	-0.38 %/°C
Voc Temperature Coefficient	-0.27 %/°C
Isc Temperature Coefficient	+0.049 %/°C
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45 ± 2 °C

Mechanical Specifications

External Dimension	2279*1134*35mm
Weight	28.5kg
Solar Cell	Mono crystalline 182*91mm, 144 (6*24)
GLASS	3.2mm AR coating semi-temi-tempered glass, low iron
Frame	Anodized aluminum alloy
Junction Box	IP68, 3diodes, MC4 / MC4 Compatible
Output Cables	4.0mm ² ,1550mm(+)/1550mm(-) or Customized Length
Mechanical Load	Front side 5400pa/Back side 2400pa
Packing Configuration	31pcs/box, 620pcs/40HQ Container



I-V Curve

