

# HG-T Series

BIFACIAL PERC MONOCRYSTALLINE MODULE

## 360-380 W



### • HG-T SERIES

HG group redefined the high-efficiency module series by integrating 166mm silicon wafers with PERC and half-cut technologies. HG group panel combined creative technology effectively and extremely improved the module efficiency and power out.

### • KEY FEATURES

- Bifacial technology enables additional energy harvesting from rear side (up to 30%)
- Less mismatch to get more power
- Less power loss by minimizing the shading impact
- Competitive low light performance
- 3 times EL test to ensure best quality
- Reducing costs and increasing returns are important goals for businesses
- Outstanding reliability proven for stringent environment condition :
  - .Sand, acid, salt, and hail stones
  - .2400pa wind load and 5400pa snow load
  - .Anti-PID

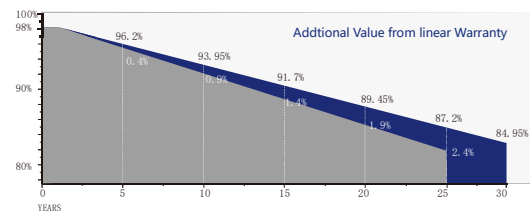
### • QUALITY SYSTEM

ISO19001 / ISO14001 / ISO45001

### • PRODUCT CERTIFICATION



### • WARRANTY



Guarantee on product material and workmanship



Linear power output warranty

## Electrical Characteristics

Module Type	HGT360-60BB		HGT365-60BB		HGT370-60BB		HGT375-60BB		HGT380-60BB	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power $P_{mp}$	360W	267W	365W	270W	370W	274W	375W	278W	380W	281W
Open Circuit Voltage- $V_{oc}$	41.1V	38.8V	41.3V	39.0V	41.5V	39.2V	41.6V	39.3V	41.7V	39.4V
Short Circuit Current- $I_{sc}$	11.53A	9.31A	11.63A	9.39A	11.72A	9.46A	11.85A	9.57A	11.98A	9.67A
Max Power Voltage- $V_{mp}$	33.7V	31.8V	33.9V	32.0V	34.1V	32.2V	34.2A	32.3V	34.6V	32.4V
Max Power Current- $I_{mp}$	10.69A	8.40A	10.77A	8.44A	10.86A	8.51A	10.98V	8.61A	10.99A	8.67A
Module Efficiency STC- $\eta_m$	19.8%		20.0%		20.3%		20.6%		20.9%	
Power Tolerance(W)	0~+5W									
Maximum System Voltage	1500V DC									
Max Serie Fuse Rating	20A									

STC:irradiance 1000W/m<sup>2</sup> module temperature 25°C AM=1.5

NMOT: irradiance of 800W / m<sup>2</sup>, ambient temperature 20°C, and wind speed 1m / s

## Rear Gain(Take370W as an example)

Gain	5%	10%	15%	20%	25%	30%
Maximum Power	388W	407W	425W	445W	464W	482W
Open Circuit Voltage (Voc)	41.5V	41.5V	41.5V	41.6V	41.6V	41.6V
Short Circuit Current (Isc)	12.31A	12.89A	13.48A	14.06A	14.65A	15.24A
Maximum Power Voltage (Vmp)	34.1V	34.1V	34.1V	34.2V	34.2V	34.2V
Maximum Circuit Current (Imp)	11.40A	11.95A	12.49A	13.03A	13.58A	14.12A

## Temperature characteristic

Pmax Temperature Coefficient	-0.35 %/° C
Voc Temperature Coefficient	-0.26 %/° C
Isc Temperature Coefficient	+0.047 %/° C
Operating Temperature	-40~+85 ° C
Nominal module operation temperature	45 ± 2 ° C

## Mechanical Specifications

External Dimension	1755*1038*30mm
Weight	22.5kg
Solar Cell	Mono crystalline166*83mm, 120 (6*20)
Glass	2.0mm Tempered Glass
Frame	Anodized aluminum alloy
Junction Box	IP68, 3diodes, MC4 compatible
Output Cables	4.0mm <sup>2</sup> , 200mm(+)/300mm(-)or Customized Length
Mechanical Load	Front side 5400pa/Back side 2400pa
Packaging Configuration	36pcs / box, 936pcs / 40' HQ Container

## Technical drawings

