

# HG-T Series

Multiple upgrades were forged into one

## 375-395 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

- 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

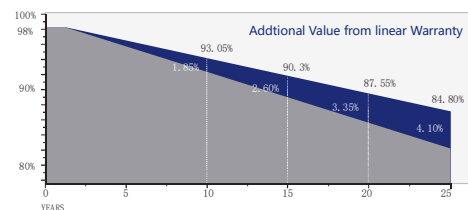
### • QUALITY SYSTEM

ISO19001 / ISO14001 / ISO45001

### • PRODUCT CERTIFICATION



### • WARRANTY



Guarantee on product material and workmanship



Linear power output warranty

## Electrical Characteristics

Module Type	HGT375-60BW		HGT380-60BW		HGT385-60BW		HGT390-60BW		HGT395-60BW	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power $P_{mp}$	375W	278W	380W	281W	385W	286W	390W	290W	395W	294W
Open Circuit Voltage- $V_{oc}$	41.6V	39.3V	41.7V	39.4V	41.5V	39.3V	41.7V	39.5V	41.9V	39.7V
Short Circuit Current- $I_{sc}$	11.85A	9.57A	11.98A	9.67A	11.83A	9.55A	11.92A	9.62A	11.99A	9.68A
Max Power Voltage- $V_{mp}$	34.2V	32.3V	34.6V	32.4V	35.0V	33.2V	35.2V	33.4V	35.4V	33.6V
Max Power Current- $I_{mp}$	10.98A	8.61A	10.99A	8.67A	11.01A	8.61A	10.09A	8.68A	11.17A	8.75A
Module Efficiency STC- $\eta_m$	20.6%		20.9%		21.1%		21.4%		21.7%	
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

## Temperature characteristic

$P_{max}$ Temperature Coefficient	-0.35 %/° C
$V_{oc}$ Temperature Coefficient	-0.26 %/° C
$I_{sc}$ Temperature Coefficient	+0.047 %/° C
Operating Temperature	-40~+85 ° C
Nominal module operation temperature	45 ± 2 ° C

## Mechanical Specifications

External Dimension	1755*1038*35mm
Weight	19.5kg
Solar Cell	Mono crystalline 166*83mm, 120 (6*20)
GLASS	High transmission tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes, MC4 compatible
Output Cables	4.0mm <sup>2</sup> , 200mm(+)/300mm(-) or Customized Length
Mechanical Load	Front side 5400pa/Back side 2400pa
Packaging Configuration	31pcs / box, 806pcs / 40' HQ Container

## Technical drawings

