

GHSZ310/320-72 Poly-crystalline White gridded and frameless module

EFFICIENCY

- ✓ Low voltage-temperature coefficient allows higher Power output at high-temperature condition
- ✓ High efficient, high reliable solar cells ensure our Product meets output stability.

MATERIALS

- ✓ Advanced EVA encapsulation system with Triple-layer back sheet meets the most stringent safety requirements for high-voltage Operation.
- ✓ The sturdy, anodized aluminum frame allows The modules to be mounted on a variety of standard Racking systems to withstand harshest of European conditions
- ✓ Ultra reliable bypass diodes prevent damage through Overheating due to shaded or defective cells.
- ✓ Innovative, environmentally friendly packing method Using pile-edges insures modules arrive in perfect Condition.
- ✓ New frame design incorporating Drainage holes, with more grounding holes, provide Flexible installation and use



BENEFITS

- ✓ Manufactured IEC61215, IEC61730, ISO 9001:2008 MCS, TUV, CE
- ✓ High efficiency, high safety, high reliability
- ✓ Output power tolerance of -3%~+3 %
- ✓ 10 years Fully Backed CHN Insurance Product Warranty.
- ✓ Standard 25-years Limited warranty on Power output, 3-years Product Warranty. Limited warranty on materials and workmanship
- ✓ Container load: 624pcs on 24 pallets in 40' container and 130 pcs on 5 pallets in 20' container.

MC4 Compatible



NOTE

This publication summarizes product warranty and specifications, which are subject to change without notice, additional information may be found on our web site: www.htwindsolarpower.com



Module Characteristics:

Note: the specifications are obtained under the Standard Test Conditions (STC):1000W/ m² solar irradiance, 1.5 Air Mass, and cell temperature of 25Degrees C

Specification	Module Number	
Model Characteristics	GHSZ310/320-72	
Open circuit voltage (V)	45.6	46.2
Maximum power voltage (V)	37.1	37.5
Short circuit current (A)	9.14	9.38
Maximum power current (A)	8.63	8.81
Maximum power (Wp)	310Wp	320Wp
Cell Efficiency(%)	15.5%	17.00%
Cell	Poly-crystalline Silicon Solar Cells	
	156mm x 156mm	
Number of cells (Pcs)	72(6*12)	
Size of module (mm)	1960×992×40mm	
Weight per piece (kg)	22.1	
Limits Operation Temperature	-40C-----+85 degree C	
Maximum system voltage (V)	1000V DC	
Temperature & Coefficients	45 Degrees C + - 2 Degrees C	
NOCT (nominal operating cell temperature)		
Current Temperature Coefficient	% / k	0.06 + - 0.01
Voltage Temperature Coefficient	Mv / k	- (155+ - 10)
Power Temperature Coefficient	% / k	-(0.5+- 0.05)
Output		
Type of output Terminal	Junction Box PV-JB001(TUV)	
Cable	LAPP (4.0mm ²)	
Symmetrical Length	900mm	
Connection	MC4/ TYPE 1V	

Packaging Method for Bulk Order

