

For Global Market



GH SOLAR

Polyocrystalline

PV Module

GH(320-335)P-72 Series

- ▶ High PID resist performance
- ▶ Steady power output

- ▶ Reducing cell series resistance
- ▶ More power output

System voltage 1000V/1500V standard

320	325	330	335
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ELECTRICAL SPECIFICATIONS

STC rated output (P _{mpp})*	320Wp	325Wp	330Wp	335Wp
PV Module size	1956*992*40 MM			
Standard sorted output	0/+5 Wp			
Warranted power output STC (P _{nominal})	320 Wp	325Wp	330Wp	335Wp
Rated voltage (V _{mpp}) at STC	37.6 V	37.75 V	37.8 V	37.85 V
Rated current (I _{mpp}) at STC	8.51 A	8.61 A	8.75 A	8.85 A
Open circuit voltage (V _{oc}) at STC	45.6 V	45.62 V	45.65 V	45.72 V
Short circuit current (I _{sc}) at STC	8.99 A	9.05 A	9.15 A	9.25 A
Module efficiency	16.5%	16.75%	17.0%	17.26%
Rated output (P _{mpp}) at NOCT	235.2 Wp	242.6 Wp	257.3 Wp	264.6 Wp
Rated voltage (V _{mpp}) at NOCT	34.45 V	34.91 V	35.78 V	36.22 V
Rated current (I _{mpp}) at NOCT	6.83 A	6.95 A	7.20 A	7.31 A
Open circuit voltage (V _{oc}) at NOCT	42.72 V	43.29 V	44.37 V	44.91 V
Short circuit current (I _{sc}) at NOCT	7.27 A	7.39 A	7.66 A	7.78 A

Temperature coefficient (P _{mpp})	-0.376%/K
Temperature coefficient (I _{sc})	+0.043%/K
Temperature coefficient (I _{mpp})	-0.008%/K
Temperature coefficient (V _{mpp})	-0.370%/K
Temperature coefficient (V _{oc})	-0.282%/K
Normal operating cell temperature (NOCT)	46±2°C

Maximum system voltage (IEC)	1000V _{oc} / 1500V _{oc}
Number of diodes	3
Maximum series fuse rating	15 A

* Measurement tolerance +/- 3%



CE	IEC 61701 Salt Spray test Severity (3)	IEC 60068-2-68 Sand test	IEC 62804 1500V PID test	ISO 14001
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GH Solar

12BB

RELATED PARAMETERS

Cell type	Monocrystalline
Number of cells / cell arrangement	72 / 6 x 12
Cells dimension	6"
Packing unit	27 modules
Weight of packing unit (for container)	621 kg / 1369 lbs

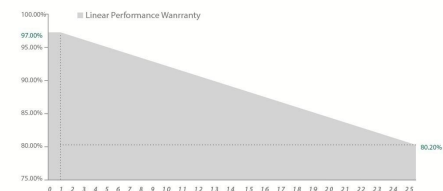
MECHANICAL SPECIFICATIONS

Outer dimensions (L x W x H)	1956 x 992 x 40 mm 77 x 39.06 x 1.57 in
Frame technology	Aluminum, silver anodized
Module composition	Glass / EVA / Backsheet (white)
Weight (module only)	23 kg / 48.1 lbs
Front glass thickness	3.2 mm / 0.13 in
Junction box IP rating	IP 67
¹ Cable length(IEC)	600/900 mm / 23.62/35.43 in
Cable diameter (IEC)	12 AWG / 4 mm ²
² Maximum load capacity	5400 Pa
Fire performance (IEC)	Class C
Connector type (IEC)	MC4 compatible

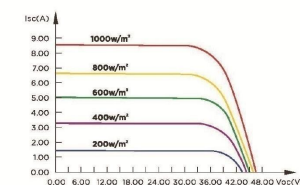
Refer to GH Solar crystalline installation manual.

QUALIFICATION AND LINEAR WARRANTIES

Product standard	IEC61215, 61730
Extended product warranty	12 years
Output decline 3%/year performance P _{mpp} (STC)	1 st year
Output decline 0.7%/year performance P _{mpp} (STC)	2 nd - 25 th years



I-V Curves of PV module MS3 20M-72 at various solar irradiance



MODULE DIMENSION DETAILS

Front view	Side view	Rear view	Frame cross section

GH Solar reserves the right of final interpretation.
Specifications and designs included in this datasheet are subject to change without notice.

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