

For a Free Quote:

Web: EnergyPal.com/solar

Call: 1-800-990-3725

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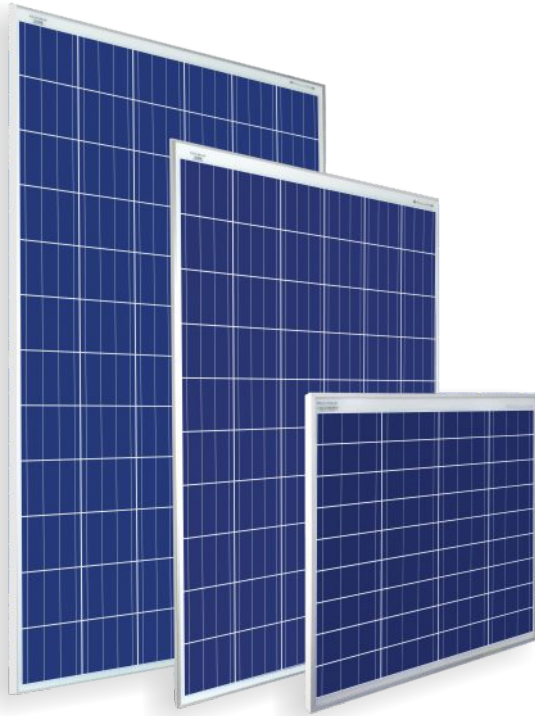
**Solar Panel Guide
Specification Data Sheet**

**Genus Innovation Limited
GI Series
GI 80**

Also available on the web at
EnergyPal.com/genus-innovation-limited-solar-panels/gi-80

Photovoltaic Modules

GI SERIES 40 - 305 Wp



Product Certifications: IEC 61215, IEC 61701, IEC 61730-1
IEC 61730-2, IEC 61853-1, IEC 62804

HIGH IN QUALITY, BEST IN RELIABILITY

Genus modules are powered by industry acknowledged high performance, reliable silicon cells. Rigorous durability and performance tests, ensure reliable lifetime performance and maximum kWh yield.



Quality

Rigorous quality control and in house testing



Components

Strong Aluminum alloy frame
Low iron tempered glass



Product Features

High Performance & reliable silicon cells
Efficiency greater than 15%*



Warranty

10 years product and 25 years performance guarantee
(90% up to 10 years, 80% up to 25 years)



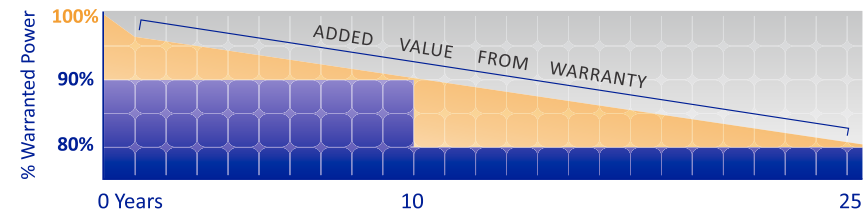
Performance

In house manufacturing & testing for enhanced performance



Wide Range

40-305 Wp



■ Standard tiered warranty ■ Genus customer benefits

Solar Photovoltaic Modules Technical Specifications

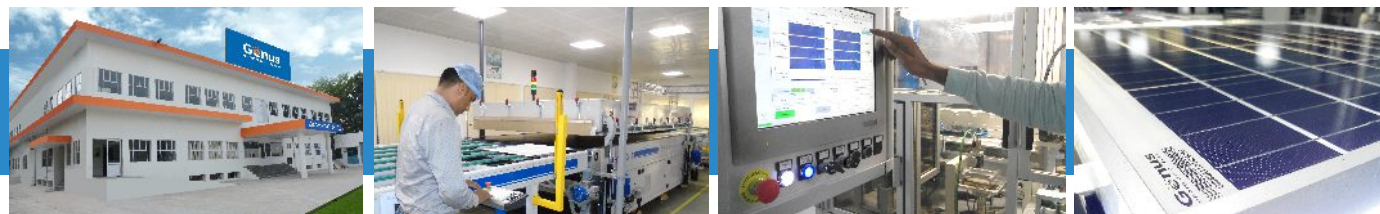
Module Type	GI 40	GI 50	GI 60	GI 80	GI 100	GI 125	GI 150	GI 175	GI 200	GI 250/60	GI 250/72	GI 305
Nominal Peak Power (W)*	40	50	60	80	100	125	150	175	200	250	250	305
Voltage at max. Power-Vmp (V)	18.28	18.63	18.63	18.74	18.74	18.89	18.91	31.42	31.55	31.58	37.71	37.71
Current at max. Power-Imp (A)	2.19	2.71	3.23	4.27	5.42	6.62	8.02	5.57	6.34	8.00	6.67	8.13
Open Circuit Voltage-Voc (V)	22.72	22.72	22.72	22.35	22.35	22.53	22.56	37.48	37.63	37.67	44.98	44.98
Short Circuit Current-Isc (A)	2.34	2.89	3.45	4.56	5.78	7.06	8.57	5.95	6.77	8.55	7.12	8.68
Maximum System Voltage (VDC)	600	600	600	600	600	600	600	1000	1000	1000	1000	1000
Maximum Series Fuse Rating	6A	6 A	6 A	6 A	10 A	10 A	15 A	15 A	15 A	15 A	15 A	15 A
Temperature Coefficient-Pmax	-0.39mw/C	-0.39mw/C	-0.39mw/C	-0.39mw/C	-0.39mw/C	-0.39mw/C	-0.39mw/C	-0.39mw/C	-0.39mw/C	-0.39mw/C	-0.39mw/C	-0.39mw/C
Temperature Coefficient-Voc	-0.30%/C	-0.30%/C	-0.30%/C	-0.30%/C	-0.30%/C	-0.30%/C	-0.30%/C	-0.30%/C	-0.30%/C	-0.30%/C	-0.30%/C	-0.30%/C
Temperature Coefficient-Isc	+0.05%/C	+0.05%/C	+0.05%/C	+0.05%/C	+0.05%/C	+0.05%/C	+0.05%/C	+0.05%/C	+0.05%/C	+0.05%/C	+0.05%/C	+0.05%/C
Dimensions (LxWxT)-mm	560x660x35	560x660x35	706x661x35	860x660x35	1190x660x35	1490x660x35	1490x660x35	1490x990x35	1490x990x35	1660x990x42	1660x990x42	1960x990x42
Mounting Holes Pitch (Y)-mm	200	200	206	206	700	1000	1000	1000	1000	1000	1000	1000
Mounting Holes Pitch (X)-mm	630	630	630	630	630	630	630	950	950	950	950	950

*Solar panel power tolerance is $\pm 3\%$

Parameters are rated at Standard Test Conditions (Irradiance of 1000 W/m², AM 1.5, cell temperature 25°C). Specifications are subject to change without notice.

Genus reserves the rights of final interpretation and revision on this datasheet.

State of the art Manufacturing Facility



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