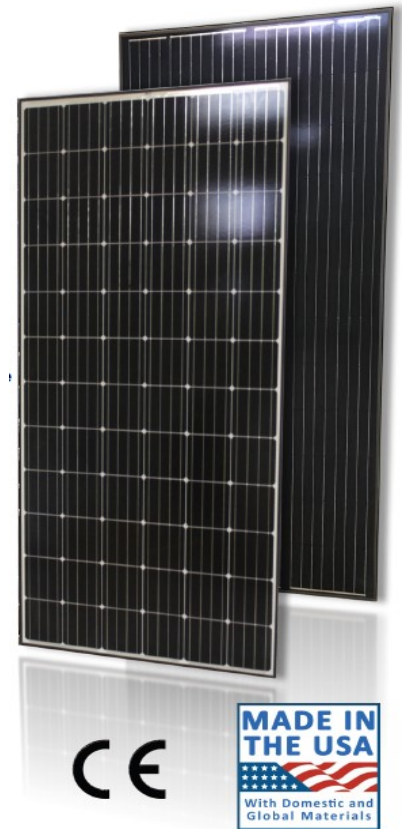




High Efficiency –
monocrystalline



Specifications subject to change without notice.

Overview

- High efficiency solar cells (19.1%) with quality silicon material for high module conversion efficiency and long term output stability and reliability.
- Positive power output tolerance.
- Rigorous quality control to meet the highest international standards.
- High transmittance, low iron tempered glass with enhanced stiffness, impact resistance, and anti-reflective coating.
- Unique frame design with strong mechanical strength for up to 30 lbs/ft² wind load and snow load.
- Advanced encapsulation material with multilayer sheet lamination to provide long-life and enhanced cell performance.
- Outstanding electrical performance under high temperature and weak light environments.

- Available in standard and black

Applications

- Any large or small on-grid /off-grid solar power stations.
- Commercial/industrial building roof-top and ground systems.
- Residential roof-top and ground systems.

Warranty

- 10 year limited product warranty on materials and workmanship.
- 25 year warranty on >80% power output and 10 year warranty on >90% power output.
- Refer to warranty document for detailed warranty information.

Certifications

UL 1703, Fire Rating type 2
TUV
CE

Mechanical Specifications

Characteristic	Details
Cell Size	152.4mm x 152.4mm (6" x 6")
Module Dimension (L x W x T)	1956mm x 992mm x 40mm (77" x 39.05" x 1.57")
No. of Cells	6 x 12 = 72
Weight	21.4 kg (47.2 lbs)
Cable Length	1000mm (39.37") for positive (+) and negative (-)
Type of Connector	MC4/Tyco compatible
Junction Box	IP65
No. of Holes in Frame	8 installation holes, 16 drainage holes, 2 grounding holes

MODEL: GS-M72-370-Fab1

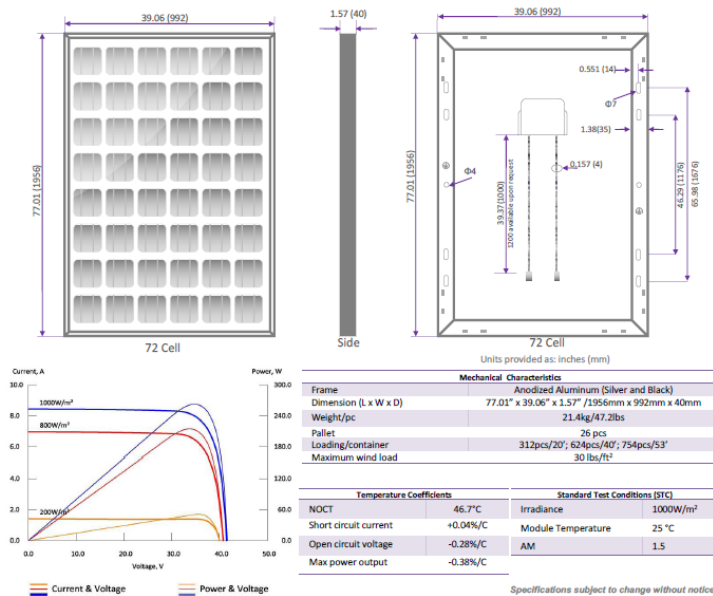
Electrical Specifications

(STC* = 25 °C, 1000W/m² Irradiance and AM=1.5)

Model	GS-M72-370-Fab1
Max System Voltage (IEC/UL)	1000V
Maximum Power P _{max}	370 W (0%, +3%)
Listed PTC Power	340.0 W
Voltage at Maximum Power Point V _{mpp}	38.78 V
Current at Maximum Power Point I _{mpp}	9.54 A
Open Circuit Voltage V _{oc}	47.75 V
Short Circuit Current I _{sc}	10.17 A
Module Efficiency (%)	19.1%
Temperature Coefficient of V _{oc}	-0.28% /°C
Temperature Coefficient of I _{sc}	+0.04% /°C
Temperature Coefficient of P _{max}	-0.38% /°C

*Standard Test Conditions

Physical Specifications



Other Performance Data

Power Tolerance	Operating Temperature	Max Series Fuse Rating	NOCT*
0%, +3%	-40 °C to +85 °C	20A	46.7 °C

*Normal Operating Cell Temperature

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