GY250P-60

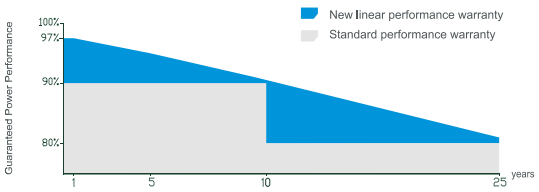
POLYCRYSTALLINE MODULE

225-250 Watt

Features

- 12 Year — 12 years warranty on material and workmanship
- 17.0% — High cell conversion efficiency (up to 17.0%), through superior manufacturing technology
- 0/+3% — Guaranteed positive tolerance of +3% delivers higher outputs reliably
- 2400Pa 5400Pa — Module certifed to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal)
- °C LOW TEMPERATURE — Low nominal operating cell temperature (NOCT) delivers better power and performance over time
- ISO — Quality and Environment Management System (ISO9001, ISO14001)
- 100% — 100% In-line Electroluminescence(EL) tested

Premium Performance Warranty



* Based on customer requirements and contract terms

- Based on nominal power (Pnom)
- 10 years guaranteed in 90% minimum power output
- 25 years guaranteed in 80% minimum power output

Certifcations and standards:

ISO9001:2008、ISO14001:2004 certified factory
IEC61215、IEC61730 certified products

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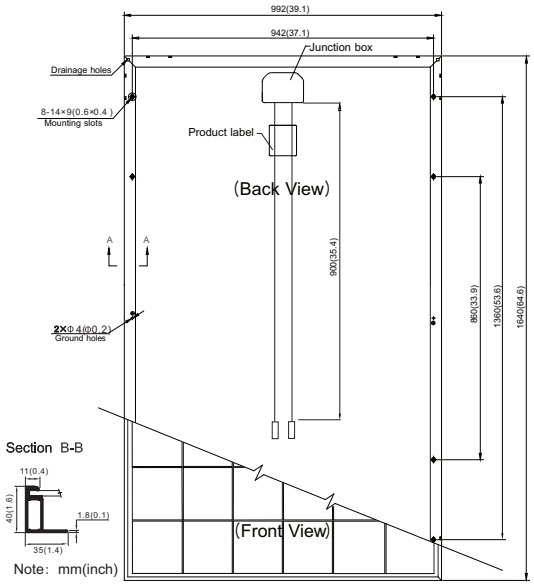
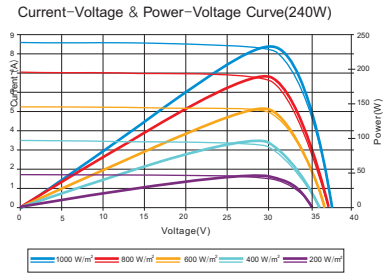
Engineering Drawings

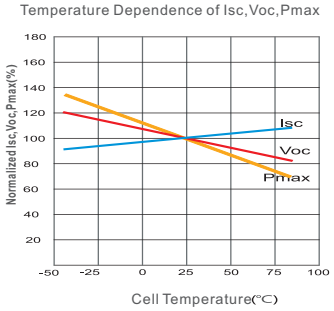


Note: mm(inch)

Electrical Characteristics



Excellent performance under weak light conditions: at an irradiation intensity of 200 W/m² (AM 1.5, 25 °C), 95.5% or higher of the STC efficiency (1000 W/m²) is achieved



Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	47±2°C
Temperature Coefcient of Pmax	−0.43%/°C
Temperature Coefcient of Voc	−0.41%/°C
Temperature Coefcient of Isc	0.08%/°C

STC	GY225P-60	GY230P-60	GY235P-60	GY240P-60	GY245P-60	GY250P-60
Maximum Power at STC (Pmax)	225 W	230 W	235 W	240 W	245 W	250 W
Optimum Operating Voltage (Vmp)	29.6 V	29.8 V	30.0 V	30.2 V	30.4 V	30.4 V
Optimum Operating Current (Imp)	7.62 A	7.71 A	7.85 A	7.94 A	8.05 A	8.19 A
Open Circuit Voltage (Voc)	36.1 V	36.8 V	37.0 V	37.2 V	37.3 V	37.5 V
Short Circuit Current (Isc)	8.23 A	8.35 A	8.46 A	8.55 A	8.63 A	8.63 A
Cell Efficiency	15.9%	16.3%	16.6%	17.0%	17.3%	17.7%
Operating Module Temperature	−40 °C ~ +85 °C					
Maximum System Voltage	1000 V DC (TUV)					
Maximum Series Fuse Rating	15 A					
Power Tolerance	0/+3%					

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5
Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/− 3%

Mechanical Characteristics

Solar Cells	Polycrystalline silicon 156×156 mm
No. of Cells	60 (6×10)
Dimensions	1640×992×40mm
Weight	19.5 kg
Front Glass	3.2 mm tempered glass
Frame	Anodized/Electrophoretic aluminium alloy
Junction Box	IP65/IP67
Output Cables	4.0mm², symmetricallengths (−) 900mm
Connectors	MC4 connectors

Packing Confguration

Container	20' GP	40' HC
Pieces per pallet	26	27
Pallets per container	14	28
Pieces per container	348	756

GUANGYE

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