

60 Cell Modules:

CG230-60, CG235-60,
CG240-60, CG245-60,
CG250-60

EVA Encapsulation:

Decades of experience show clear encapsulated insulation enhances solar cell performance and provides proven weathering protection.

Anti Reflective Coating:

Increases the efficiency of our modules by reducing the quantity of light that is reflected away from the module.

Reliable Outside Bussing:

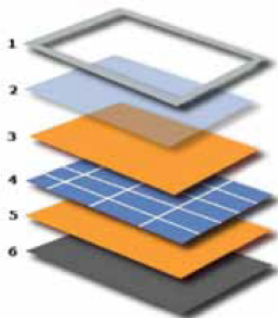
Our proven modules design puts bus bars outside the frame and cell areas. This improves the modules' reliability.

Tempered Low Iron Glass:

For our crystalline product, tempered low iron glass provides both better impact resistance and better light transmission, allowing the generation of more electricity.

Laminate Options:

Centennial Global Technology Inc. also supplies laminates, enabling easy integration of products into third party solar electric systems or directly into building structures.



- ✓ **Frame**
Of anodized aluminum, pre-drilled for quick easy assembly.
- ✓ **Glass**
Tempered, high transmission, low iron anti-reflective and thickness of 3.2 mm.
- ✓ **EVA**
(Ethylene and vinyl acetate) Enclosing Material.
- ✓ **Cells**
Polycrystalline cells with serial connection, textured to make the best use of solar irradiance.
- ✓ **Tedlar**
Electrical insulation, protecting of the rear part of the module.

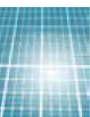


Performance & Reliability:

Centennial Global Technology Inc. products are designed and constructed to provide performance and reliability. We constantly improve our products to ensure product reliability remains at the highest standard.

Applications & Features:

- High Efficiency and reliability for diverse grid and off-grid applications.
- Superior energy generating kWh/ kWp performance.
- Building Integration.
- Solar Power Parks and Plants.
- Solar Pumping Systems.
- All Power Requirement.



Temperature Coefficients		Mechanical Data	
NOCT	45 +/- 2	Solar Cell	60 Polycrystalline 156 mm x 156 mm
Voltage Temperature Coefficient (Voc)	- 0.36 %	Front Glass	3.2 Tempered
Current Temperature Coefficient (Isc)	+ 0.033 %	Junction Box	Certified Junction Box
Power Temperature Coefficient (Pmpp)	+ 0.48 %	Frame	Anodized Aluminum
Minimum Power Tolerance	-0 / +5 %	Weight	20 kg
NOCT: Nominal Operating Cell Temperature -40 °C to +95 °C		Dimensions	1640 mm x 992 mm x 40 mm

Electrical Data

Module Type	CG230-60	CG235-60	CG240-60	CG245-60	CG250-60
Nominal Peak Power (Wp)	230W	235W	240W	245W	250W
Nominal Voltage (Vmp)	29.9V	30.0V	30.1V	30.3V	30.5V
Nominal Current (Imp)	7.69A	7.83A	7.97A	8.08A	8.2A
Open Circuit Voltage (Voc)	37.2V	37.2V	37.4V	37.5V	37.6V
Short Circuit Current (Isc)	8.34A	8.42A	8.60A	8.66A	8.87A
Module Efficiency (%)	14.0	14.3	14.5	15.0	15.2
Maximum System Voltage	600 V DC (UL) 1000 V DC (IEC)				
STC: 1000 W/m ² , 25 °C, AM = 1.5					

Warranty & Certifications

Warranty	10 Year Workmanship, 12 Year 90 %, 25 Year 80 % Power Warranty.
Certifications	UL 1703, IEC 61215, IEC 61730, CE

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