



GCL-P6/60

HIGH EFFICIENCY
MULTICRYSTALLINE MODULE

GCL-P6/60 250-265 Watt

265^W

MAXIMUM POWER OUTPUT

16.3%

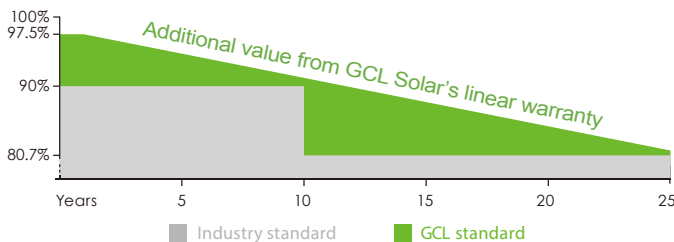
MAXIMUM MODULE EFFICIENCY

Trust GCL to Deliver Reliable Performance Over Time

- World-class manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard: I-SO9001:2008, ISO 14001: 2004 and OHSAS: 18001 2007
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716, DIN EN 60068-2-68)
- Long term reliability tests
2*100% EL inspection ensuring defect-free modules

LINEAR PERFORMANCE WARRANTY

10 YEARS PRODUCT WARRANTY 25 LINEAR POWER WARRANTY



High conversion efficiency due to top quality wafer and advanced cell technology



PID and snail trails free



Highly resistant to sand, acid, and alkali



Optimized system performance by module level current sorting



Excellent performance under low irradiance



Additional yield and easy maintenance with high transparent self-cleaning glass

Additional insurance backed by Swiss RE



Bringing Green Power to Life

GCL-P6/60

HIGH EFFICIENCY MULTICRYSTALLINE MODULE

ELECTRICAL SPECIFICATION (STC)

Peak Power Watts	Pm(W)	250	255	260	265
Maximum Power Voltage	Vm(V)	30.4	30.6	30.8	31.0
Maximum Power Current	Im(A)	8.22	8.33	8.44	8.55
Short Circuit Current	Isc(A)	8.86	8.98	9.09	9.20
Open Circuit Voltage	Voc(V)	37.5	37.7	37.9	38.1
Module Efficiency	(%)	15.4	15.7	16.0	16.3
Power Output Tolerance	Pm(W)	±5			

Values at Standard Test Conditions STC (Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25° C).

ELECTRICAL DATA (NOCT)

Maximum Power	Pm(W)	183.60	185.2	189.3	192.5
Maximum Power Voltage	Vm(V)	27.2	27.4	27.6	27.7
Maximum Power Current	Im(A)	6.75	6.76	6.86	6.95
Open Circuit Voltage	Voc(V)	34.5	34.7	34.9	35.1
Short Circuit Current	Isc(A)	7.21	7.28	7.37	7.45

NOCT: Irradiance at 800W/m², Ambient Temperature 20° C, Wind Speed 1m/s.

MECHANICAL DATA

Solar Cells	Poly 156x156mm (6 inches)
Cell Orientation	60 Cells (6x10)
Module Dimensions	1640x992x40mm (64.56 x 39.05 x 1.57 inches)
Weight	18.5KG
Glass	High transparency solar glass 3.2mm (0.13 inches)
Backsheet	White
Frame	Silver, anodized aluminium alloy
J-Box	IP67 Rated
Cables	4.0mm ² (0.006 inches ²), 900mm (35.4 inches)
Connector	Original MC4 or Compatible
Wind Load/ Snow Load	2400Pa/5400Pa*

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of P _{MAX}	-0.42% /°C
Temperature Coefficient of V _{OC}	-0.32% /°C
Temperature Coefficient of I _{SC}	0.05% /°C

MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC(IEC)
Max Series Fuse Rating	15A

WARRANTY

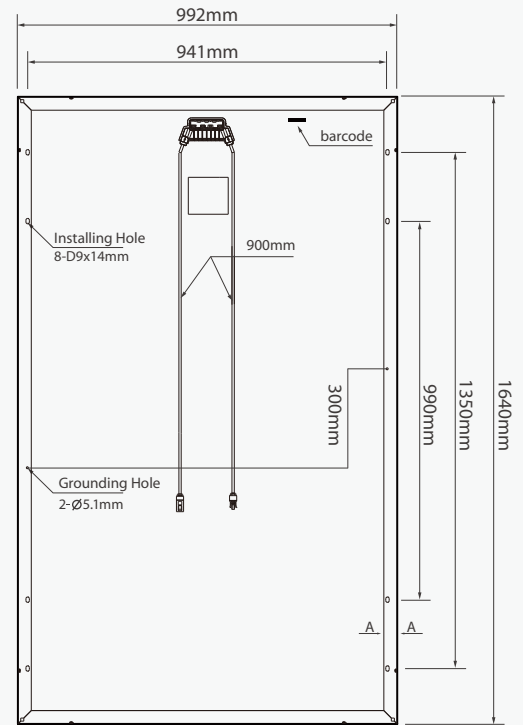
- 10 years Product Workmanship Warranty
- 25 years linear Power Warranty

(Please refer to GCL standard warranty for details)

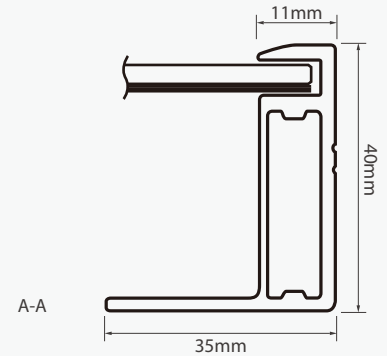
PACKAGING CONFIGURATION

- Modules per box: 26 pieces
- Modules per 40' container: 728 pieces

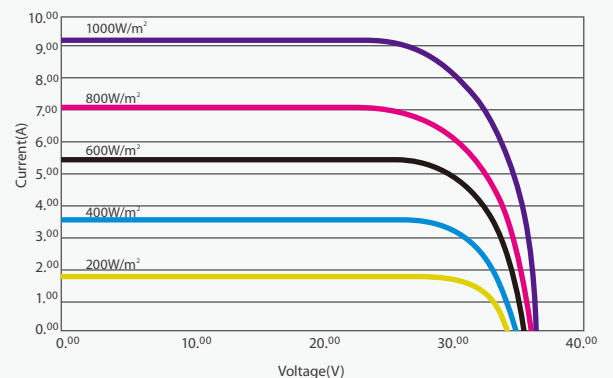
MODULE DIMENSION



Back View



I-V CURVES OF MODULE (260W)



Excellent performance under weak light conditions: at an irradiance intensity of 200W/m² W/m(AM 1.5, 25 °C), 96.5% or higher of the STC efficiency (1000 W/m²) is achieved



Bringing Green Power to Life
<http://en.gclsi.com>

GCL-AUS-P6/60-2016-V1.0

CAUTION: READ INSTALLATION MANUAL BEFORE USING THE PRODUCT

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GCL SNAPSHOT



WHO IS GCL ?

Bringing Green Power to Life

- No. 1 silicon and wafer manufacturer in the world
- World's largest renewable energy manufacturer
- Trusted wafer provider for companies like Trina, CSI, Jinko...etc
- The only renewable energy manufacturer with over 25 years of history
- First to launch 275w Polycrystalline module in Australia
- World's first mass-production facility of 285w Polycrystalline module
- 52 Step Quality Control process to ensure long term reliability
- True vertical integration - silicon, wafer, cell and module manufacturer
- World leading "Swiss Re" module insurance with full cover and re-insurance option
- Outstanding bankability

WHO IS GCL?

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The only renewable energy manufacture with over 25 years history

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- GCL-Poly (HK.3800)
 - GCL New Energy (HK.0451)
 - GCLSI (SZ.2506)
- Total assets *over 100B YUAN* (16B USD)

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- Premium Bankability
- Third-party insurance to every piece of modules by Swiss Re
- Excellent manufacturing and management experience
- Fully-Integrated vertical PV industrial chain, world-leading technology roadmap
- Outstanding corporate culture: Value-Oriented, Competition-Motivated, Synergy among industries