



High power module using 156 mm Polycrystalline silicon solar cells with high conversion efficiency



World's most sustainable modules with the shortest energy amortisation time



Designed for optimum use in residential, commercial and utility scale installations



Positive tolerance turbo series



High-transmissivity, tempered glass for enhanced stiffness and impact resistance



Advanced EVA encapsulation with triple-layer back sheet for high-voltage operation



Robust, anodized aluminum frame for extended outdoor use



Nominal 24VDC output, for grid-connected systems



RFID tag



**think solar**

be the difference

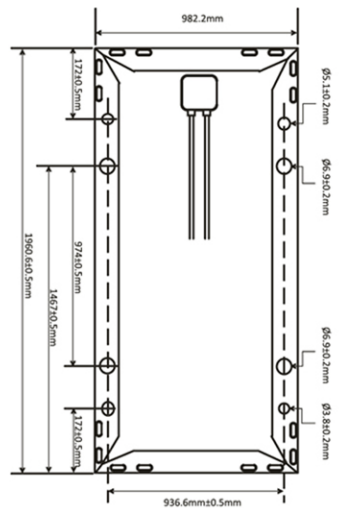
# Technical Data

Range	250 Wp	260 Wp	270 Wp	275 Wp	280 Wp
Model Name	GB72P6-250	GB72P6-260	GB72P6-270	GB72P6-275	GB72P6-280
Power Rating ( $P_{max}$ )	250	260	270	275	280
Open Circuit Voltage ( $V_{oc}$ )	42.50	42.84	43.20	43.56	43.80
Short Circuit Voltage ( $I_{sc}$ )	7.95	8.05	8.15	8.25	8.30
Maximum Power Voltage ( $V_{mp}$ )	34.21	35.25	36.05	36.50	36.62
Maximum Power Current ( $I_{mp}$ )	7.32	7.40	7.50	7.55	7.65
Size of the Modules (mm)	1960.60 x 982.20 x 42.90				
Weight of the Modules (Kgs)	26.25				
Tolerance at $P_{max}$ (%)	0% to +3%				
Maximum System Voltage ( $V_{DC}$ )	1000 Volts for IEC and 600 Volts for UL				
Junction Box	3 Bypass Diodes of 15 Amps each				
Output Cables & Connectors	1000 mm (+) / 1000 mm (-), MC -4 Compatible Connectors				
Temperature Coefficient of $I_{sc}$ (%/°C)	0.05				
Temperature Coefficient of $V_{oc}$ (%/°C)	-0.35				
Temperature Coefficient of $P_{max}$ (%/°C)	-0.45				
Certifications	TÜV, IEC 61215, EN 61730-1 & 2, UL 1703, cUL				
Package Contents	Type-A: 23 in 1 Box, (506 in One 40" HC) Type-B: 2 in 1 Box				

\*Specifications subject to change without notice.

## Solar Energy Solutions by GreenBrilliance

- Manufacture High Performance Solar PV Modules
  - Multi crystalline
  - Mono crystalline
  - Building integrated PV module(BIPV)
- Solar Power Plant EPC solutions & Project Engineering
- Residential, Commercial and Utility Scale Installations
- Custom Engineered Solutions



### THE GREENBRILLIANCE WARRANTY

10 Years	90% Performance
25 Years	80% Performance
10 Years	Workmanship

### Certifications and Standards:



### USA - Headquarters

102 Elden Street,  
Suite# 18,  
Herndon, VA 20170

t: 1-888-365-ASKGB (US Customers)  
t: 703-657-0090 (Int. Customers)  
f: 703 - 463-9543

### INDIA - Manufacturing

A-1/3-4 BIDC Industrial Estate  
Gorwa, Vadodara - 390 016,  
Gujarat, India

t: 91 265 2281658  
f: 91 265 2281040



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