



High power module using 156 x 156 mm² 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

Model Name	GB60P6-230	GB60P6-240	GB60P6-245	GB60P6-250
Power Rating (P_{max})	230	240	245	250
Open Circuit Voltage (V_{oc})	36.21	36.59	37.13	37.43
Short Circuit Current (I_{sc})	8.33	8.50	8.52	8.55
Maximum Power Voltage (V_{mp})	29.88	30.46	30.88	31.29
Maximum Power Current (I_{mp})	7.71	7.88	7.94	7.99
Size of the Modules (mm)	1633 x 982.20			
Weight of the Modules (Kgs)	18.20			
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, IEC 61701, IEC 61730-1 & 2, UL 1703, cUL			
Package Contents	Type-A: 27 in 1 Box, (702 in One 40" HC)		Type-B: 2 in 1 Box	

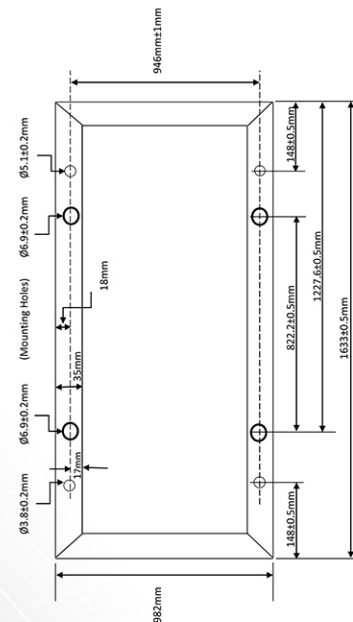
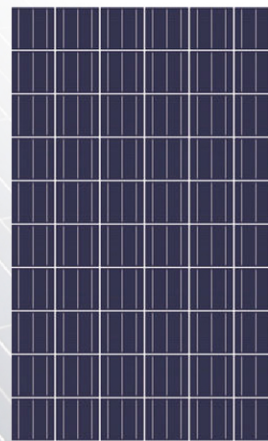
Certifications and Standards



*Specifications subject to change without notice

Solar Energy Solutions by GreenBrilliance

- Manufacture High Performance Solar PV Modules
 - Multi 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
5 Years	Workmanship

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