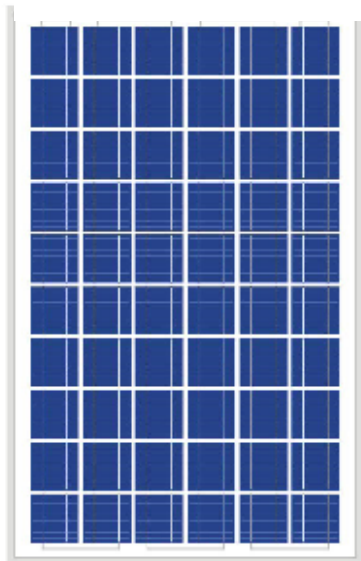


High-efficiency photovoltaic module using silicon nitride coted polycrystalline silicon cells.



- Solar Cell: High efficiency crystalline solar cell. Even if under the weak light, the solar module can produce maximum power output.
- Tempered glass: Anti-reflecting coating and high transmission rate glass increase the power output and mechanical strength of solar module.
- EVA and TPT: Using high quality EVA and TPT to prevent destroying and water.
- Allframe: Without screw,corner connection. 8 holes on the frame can be installed easily.
- Junction box: Multi function junction box with water proof.
- Long lifetime: 25 years; Less power decrease.
- Good performance of preventing from atrocious weather such as wind and hails.
- Resisting moisture and etching effectively,not effect by geology.

采用高转换效率的多晶硅太阳能组件

- 电池片：高转换率电池片即使再弱光条件下，组件也能产生高效率的输出。
- 钢化玻璃：防反射膜和高转换率的玻璃增加了功率的输出和组件的机械强度。
- EVA 和 TPT: 采用高性能的 EVA 和 TPT 来防水盒防损害。
- 边框：采用新型的拐角链接。8 个易安装孔方便使用。
- 连接盒：采用防水多功能连接盒。
- 使用寿命：25 年；低功率衰减。
- 良好稳定的运行性能，有效防止恶劣天气诸如大风和冰雹等。
- 有效防止潮湿和湿气的侵蚀，免受地理环境的影响。

机械特性/Mechanical Characteristics

电池片尺寸/Cells Size(mm)	156x156
组件尺寸/Modules Size(mm)	1650x992x46
排列/No. of cells	60 (6x10)
重量/Weight(KG)	18.8
安装孔数量/No. of Mounting Holes	8
排水孔数量/No. of Waterspout	16

温度系数/Temperature Cofficien

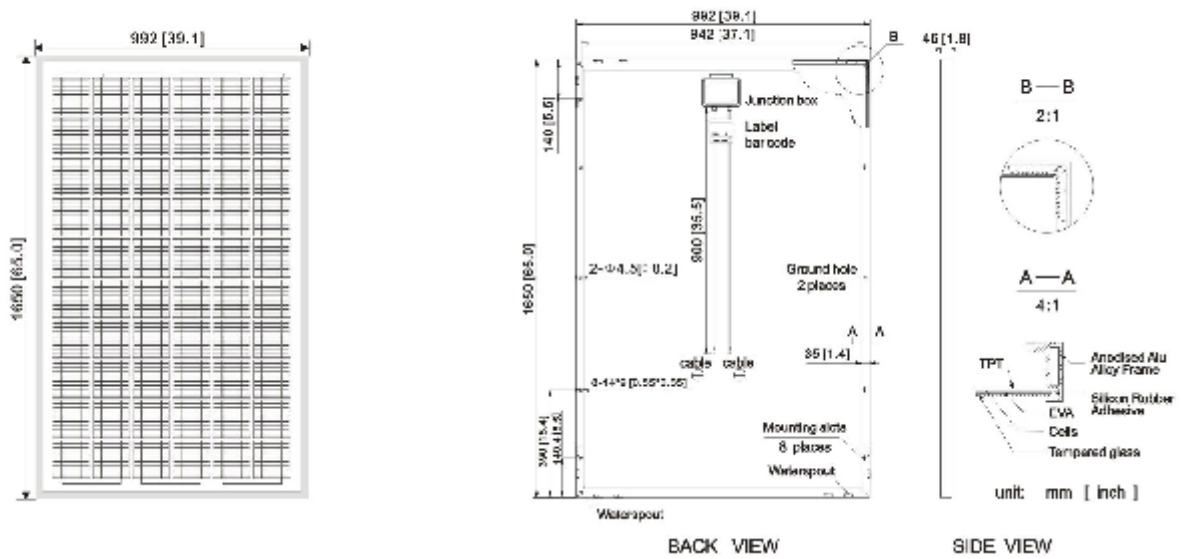
NOCT	47°C ± 2°C
短路电流温度系数/ Temperature cofficien of Isc	+0.05%/°C
开路电压温度系数/ Temperature cofficien of Voc	-0.35%/°C
峰值功率温度系数/ Temperature cofficien of Pmax	-0.45%/°C
输出功率公差/Power Tolerance	± 3%

电性能参数/Electric Characteristics

组件型号/Model	GS-P200	GS-P210	GS-P220	GS-P230	GS-P240	GS-P250
Pm	200	210	220	230	240	250
Vmp	28.7	29.2	29.8	30.0	30.6	31.1
Imp	6.97	7.19	7.39	7.66	7.84	8.04
Voc	36.0	36.4	36.8	37.0	37.5	38.0
Isc	7.75	7.86	8.00	8.18	8.38	8.55
Maximum system voltage	1000VDC					

STC : 辐照度 (Irradiance) 1000W/m²,组件温度 (Temperature) 25°C,AM=1.5

■ 组件示意图/Module Diagram



■ 电性能曲线/Electrical Curves

