



## Mono-crystalline Silicon Photovoltaic Module



**WS410WG6M**

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### Features :

- High power module using 6" mono-crystalline solar cell.
- Bypass diode minimizes power drop by shade.
- Using optical low iron tempered glass, EVA laminate and Tedlar backsheet.
- Anodize aluminum frame protected.
- Manufactured in ISO 9001 : 2000 certified facility.
- 25-years limited warranty on power output.

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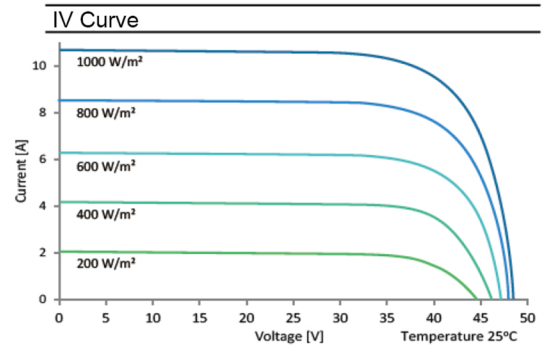
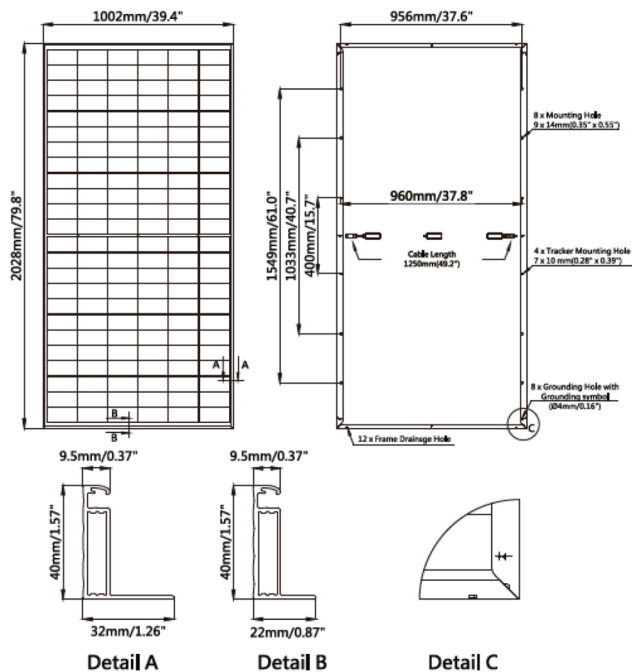
# Specifications :

|                                     |             |
|-------------------------------------|-------------|
| <b>Power</b>                        |             |
| <b>Model</b>                        | <b>410W</b> |
| <b>Max power voltage Vmp(V)</b>     | 40.36       |
| <b>Max power current Imp(A)</b>     | 10.16       |
| <b>Open circuit voltage Voc(V)</b>  | 48.49       |
| <b>Short circuit current Isc(A)</b> | 10.75       |
| <b>Weight(KG)</b>                   | 23.6        |
| <b>Number of cells</b>              | 72          |
| <b>Module Efficiency(%)</b>         | 20.18%      |
| <b>Power Tolerance</b>              | +/-3%       |

\*1 STC: Irradiance level 1000 W/m<sup>2</sup>; Spectral AM1.5; Temperature 25°C  
 \*2 Power tolerance can be adjusted upon requests  
 \*3 NOCT: 46±2°C

## Mechanical Characteristics

Dimensions of the Module(WxHxD)(mm) 2028x1002x40  
 Juncton box IP68 with 3 bypass diodes ; cables 1M/φ4mm<sup>2</sup>  
 Series fuse rating Inside Junction Box 15A



## Warranty

Product Warranty:  
 10 Years for Material and Workmanship  
 Performance Guarantee  
 90% for 10 Years Guaranteed Output  
 80% for 25 Years Guaranteed Output

## Working Condition

Maximum System Voltage: 1500V  
 Operating Temperature: -40~+85°C  
 Maximum Static Load: Snow load 5400pa  
 Wind load 3600pa

## Temperature Coefficient

Isc Temperature Coefficient: α(%/°C) +0.06  
 Voc Temperature Coefficient: β(%/°C) -0.32  
 Pmax Temperature Coefficient: γ(%/°C) -0.40

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