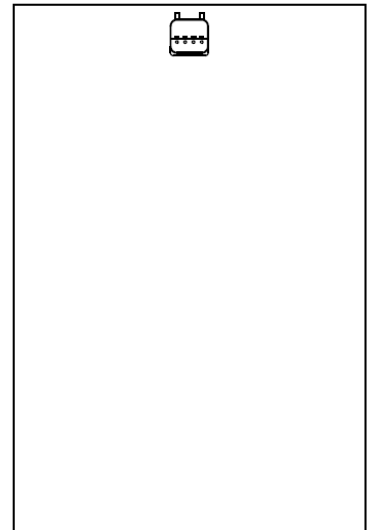
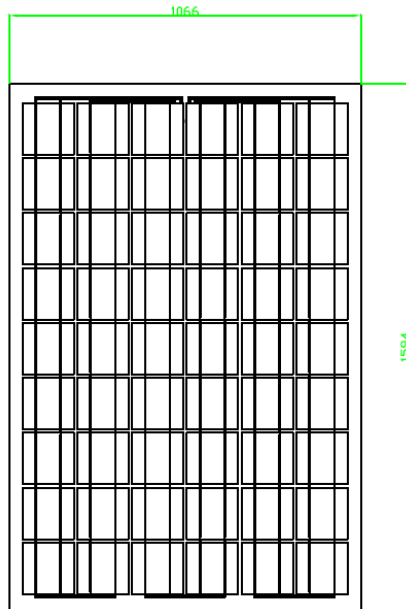




PM205G Series

6" Poly-crystalline Solar Cell, 6 x 9 Cells.



Unit: in [mm]



Product Characteristics

Physical Specifications

| | |
|---|--|
| Dimension [L x W x H] / in(mm) | 62.76 x 41.97 x 0.47in (1594 x 1066 x 12mm) |
| Module Area (ft²/m²) | 20.236 ft ² (1.7 m ²) |
| Module Weight (kg) | 47 kg |

*Actual measurements shall based on manufacturer's standard.

Electrical Characteristics: Performance at STC*1

| Model Type | PM205G | PM210G | PM215G |
|----------------------------|--------|--------|--------|
| Peak Power Rating, Pmax | 205W | 210W | 215W |
| Power Tolerance | -0/+5W | -0/+5W | -0/+5W |
| Peak Power Voltage, Vmp | 26.46 | 26.81 | 27.04 |
| Peak Power Current, Imp | 7.79 | 7.89 | 8.02 |
| Open Circuit Voltage, Voc | 33.22 | 33.54 | 33.79 |
| Short Circuit Current, Isc | 8.37 | 8.45 | 8.56 |
| Module Efficiency | 12.06% | 12.35% | 12.65% |

*STC: Standard Test Condition, 1000W/m², AM 1.5, 25°C

Packing Specifications

| | |
|--------------------------------------|--|
| Modules Per Carton | Packing design to be specified by customer |
| Modules Per Pallet | Packing design to be specified by customer |
| 20ft Container Capacity (pcs) | Packing design to be specified by customer |
| 40ft Container Capacity (pcs) | Packing design to be specified by customer |

*The accurate weight should depends on the product which customer received.

System Integration Parameter & Safety Rating

| | |
|---|---|
| Maximum System Voltage (U.S. & Canada) | 600VDC |
| Maximum System Voltage (Area Not in the U.S. & Canada) | 1000VDC (According to Norms in Each Area) |
| Series Fuse Rating | 15A |
| Environmental Operating Temperature (°F, °C) | -104 to 185°F, -40 to 85°C |

Limited Warranty***

| | |
|-------------------------|---------|
| Product | 10Years |
| 90% Output Power | 10Years |
| 80% Output Power | 20Years |

***For details, please read our warranty letter.

Thermal Characteristics

| | |
|--|------------|
| Temperature Coefficient of Isc α | +0.112%/°C |
| Temperature Coefficient of Voc β | -0.297%/°C |
| Temperature Coefficient of Pmax γ | -0.367%/°C |
| Temperature Coefficient of Vmp β | -0.411%/°C |

Measurement tolerances Pmpp @ STC \pm 5% all other electrical parameters \pm 10%

■ About RITEK Solar

RITEK is a 25-year public traded company, we are a global professional manufacturer to provide solar modules and solar system construction. Through best-quality, and high-performance solar modules and a variety of solar solutions, RITEK Solar can meet and satisfy your perfect standard and need.

■ High Performance

- ⊙ Own key technologies and capabilities to rapidly ramp up
- ⊙ Module maximum conversion efficiency > 12%

■ Best Quality and Reliability

- ⊙ We guarantee that all the solar modules are made in Taiwan.
- ⊙ Modules tested follow IEC61215, IEC61730-1 & 2 and UL1703, to ensure the safety and performance.
- ⊙ Manufacturing facility certified to ISO 9001 Quality Management System standards.

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