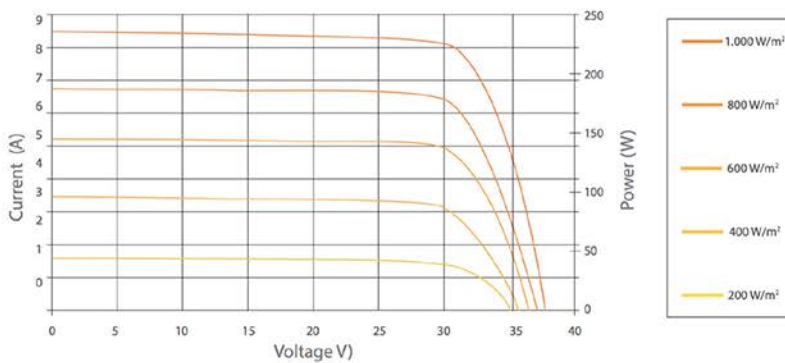


POLYCRYSTALLINE PV MODULE

250 WATT

PV MODULE I-V CURVE



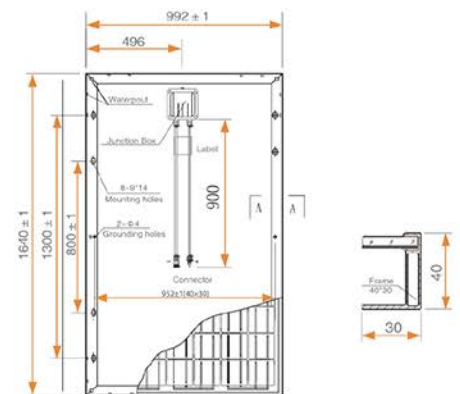
ELECTRICAL DATA¹

| | |
|---------------------------------|-------|
| Nominal Power Watt Pmax (Wp) | 250 |
| Power Output Tolerance Pmax (%) | ± 3 |
| Maximum Power Voltage Vmpp (V) | 29.90 |
| Maximum Power Current Impp (A) | 8.37 |
| Open Circuit Voltage Voc (V) | 37.19 |
| Short Circuit Current Isc (A) | 9.06 |
| Module Efficiency (%) | 15.37 |
| Cell Efficiency (%) | 17.38 |

MECHANICAL DATA

| | |
|--|--|
| Solar cells | Poly 156 x 156 mm |
| Module configuration (Konfigurasi modul) | 60 (6 x 10) |
| Module dimensions (Ukuran modul) | 1640 x 992 x 40 mm |
| Weight (Berat) | 19.5 kg |
| Glass | High transparency, low iron, tempered glass 3.2 mm (AR-coating) |
| Frame | Anodized aluminium alloy. Frame and Backside in alu or black |
| Junction box | IP 67 |
| Cables/connectors (Kabel/konektor) | 4 mm ² , 900 mm, MC4 - compatible |
| Number of diodes (Jumlah dioda) | 3 |

PV MODULE DIMENSIONS



TEMPERATURE RATINGS

| | |
|------------------------------------|-------------|
| Nominal Operating Cell Temperature | 45°C (±2°C) |
| Temperature coefficient of Pmpp | -0.42 % / K |
| Temperature coefficient of Voc | -0.33 % / K |
| Temperature coefficient of Isc | 0.06 % / K |

WORKING CONDITIONS

| | |
|------------------------|-----------------|
| Maximum system voltage | 1000 V DC (TÜV) |
| Operating temperature | -40 up to +85°C |
| Maximum series fuse | 15 A |

In compliance with :

Ministry of Industry
No. 391/ILMATE/TKDN/2016



SNI 04-3850.2-1995
(Indonesian National Standard)
Test Certificate No. 2016007



ISO 9001 : 2015
No. 824 100 16036



¹Measurement Tolerance STC: ±3% (Pmax), ±10% (Vmpp, Impp, Voc, Isc), Values at Standard Test Conditions STC (Air Mass AM 1.5, Irradiance 1000 W/m², Cell Temperature 25°C | Remark: please read safety and installation instructions before using the product | Subject to change without prior notice.

Toleransi Pengukuran STC: ±3% (Pmax), ±10% (Vmpp, Impp, Voc, Isc), Pengukuran dilakukan pada STC (Air Mass AM 1.5, Irradiance 1000 W/m², Cell Temperature 25 °C | Penting: baca petunjuk keselamatan dan instruksi pemasangan sebelum menggunakan produk ini | Perubahan dapat terjadi sewaktu-waktu tanpa pemberitahuan terlebih dahulu