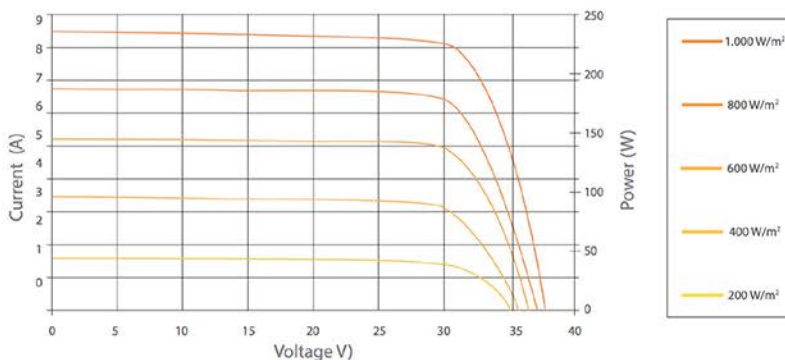


POLYCRYSTALLINE PV MODULE

250 WATT

PV MODULE I-V CURVE



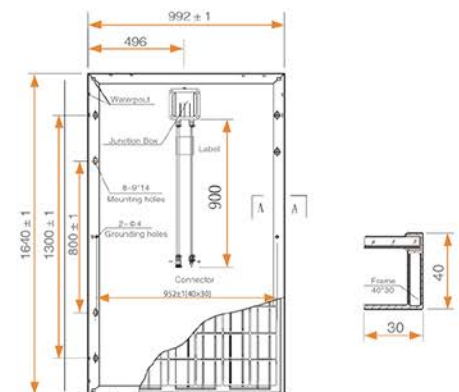
ELECTRICAL DATA¹

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