

Solet P60.6 WF-250

Multicrystalline Silicon Module

KEY FEATURES



Polycrystalline modules. MPP Tracking per PV-module optimized by SolarEdge.



Maximum energy gain up to 25% for residential, 10% for commercial, 5% for ground mounted systems



Designed for ELT 1000V, IEC 1000 V applications



Constraint – free site design optimal site space utilization at reduce cost



Excellent mechanical load: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)



ISO 9001; ISO 14001; OHSAS 18000 Certified



Confirms with IEC 61215:2005, IEC 61730: 2004 Standard



Application Class A, Safety Class II, Fire Rating C



Compliant with directive VDE - AR - E 2100-712

Reliable Quality

- Positive power tolerance: -0/+3%
- 100% EL double - inspection ensures modules are defects free

Manufacturer Warranty:

- 12-year limited warranty of materials & workmanship
- 10-year warranty at 90% output
- 25-year warranty at 80% output



Optimized by solarEdge

SOLITEK
 MANUFACTURER & SUPPLIER OF SOLAR SYSTEMS

SoliTek is a new international solar brand combining the most sophisticated break-through technologies and 15 years of manufacturing experience. Solet PV modules are top quality products. In combination with SolarEdge, yield of produced energy increases up to 25%. SolarEdge was chosen as best solution to improve efficiency of the PV systems in the way of assuring MPPT (Maximum Power Point Tracking) at module level. SolarEdge provides groundbreaking distributed solar power harvesting and PV monitoring systems. This technology maximizes power generation for residential, commercial and large-scale PV systems. SoliTek manufacturing facility in Lithuania is the first PV cell & module plant build in Europe since 2008. We are proud that in the process of production we do use electricity generated from renewable resources only.

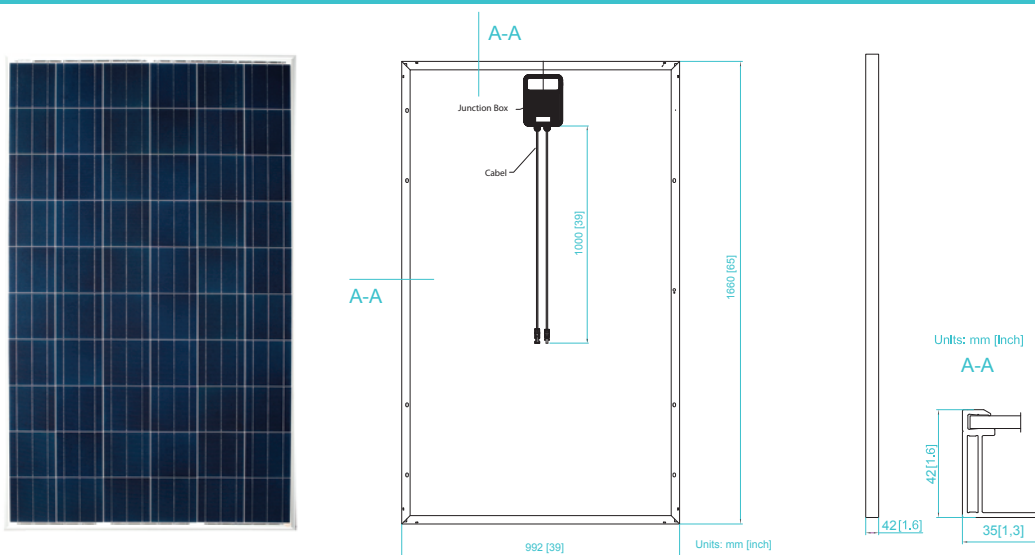
Moreover, geothermal energy is used for heating and cooling in the process of manufacturing. These innovations let us save up to 40% energy costs.

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ENGINEERING DRAWINGS



■ customized cable length available upon request

MECHANICAL PARAMETERS

Cell (mm)	Poly 156x156
Weight (kg)	19 (approx)
Dimensions (LxWxH) (mm)	1660x992x42
Cable Cross Section Size (mm ²) / Plugs	6 / MC4
No. of Cells in the Line	60 (10x6)
Junction Box	SolarEdge smart J-Box
Front Glass (mm)	3,2
Packaging Configuration	25 per pallet

WORKING CONDITIONS

Maximum System Voltage	DC 1000V (TÜV)
Operating Temperature	-40°C~+85°C
Maximum Reverse Current	15A
Maximum Static Load, Front (wind / snow)	2400Pa / 5400Pa
NOCT	43,6°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	Solet P60.6 WF - 250
Rated Maximum Power at STC (W)	250
Open Circuit Voltage (Voc/V)	37.6
Maximum Power Voltage (Vmp/V)	31.3
Short Circuit Current (Isc/A)	8.6
Maximum Power Current (Imp/A)	8.08
Module Efficiency [%]	15.4
Power Tolerance	0+3%
Temperature Coefficient of Isc (alsc)	+0.05%/°C
Temperature Coefficient of Voc (βVoc)	-0.34%/°C
Temperature Coefficient of Pmax (yPmp)	-0.42%/°C*
STC	Irradiance 1000W/m ² , Module Temperature 25°C, Air Mass 1.5

*- data confirmed by Fraunhofer Institute

I-V CURVE

