

Photovoltaics Monocrystalline modules



PHOTOVOLTAIC MODULE

Solet-TSA-370M2

370W

Double glass, Half-Cell, Full Black

ADVANTAGES OF SOLET PHOTOVOLTAICS MODULES

30 year
PRODUCT
WARRANTY

95% after 10 years
PRODUCT
PERFORMANCE
WARRANTY

84% after 30 years
PRODUCT
PERFORMANCE
WARRANTY



High ROI rate

(Annual degradation < 0.5%, 30-year Product Warranty, 30-year Linear Performance warranty. 1500 V System Voltage)



Positive power tolerance

(All modules are tested and we provide only those that have a positive power tolerance from 0 to +3% Wp. The customer only receives solar modules with declared power)



High performance

(Solar cells that are used in solar modules are one of the most advanced and ensure a high-efficiency rate that goes as high as 20.30%. Consequently, these are unequivocally among the most effective in their category)



Module testing process

(During the whole manufacturing process modules are being tested at least three times, therefore they reach the end customer fully checked, A class, and without any visual or electrotechnical defects)



Certified and approved

(Certified in TUV SUD laboratory by EN 61215 and EN 61730 standards and are resistant to extreme climate conditions. Modules are not afraid of rain, snow, wind, or hail)

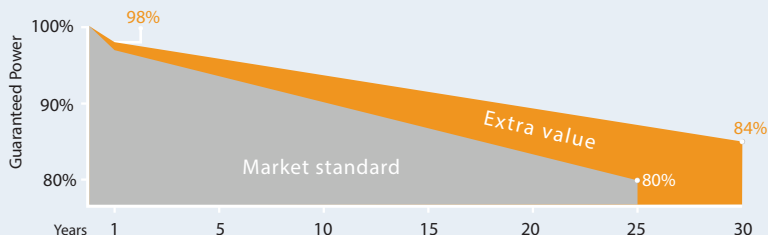


Optimized Power Gain

(Integrates Multiple-Busbar (MBB) Technology, Higher Power Output. Halfcut Technology to Lower the Output Power Losses caused by Shading)

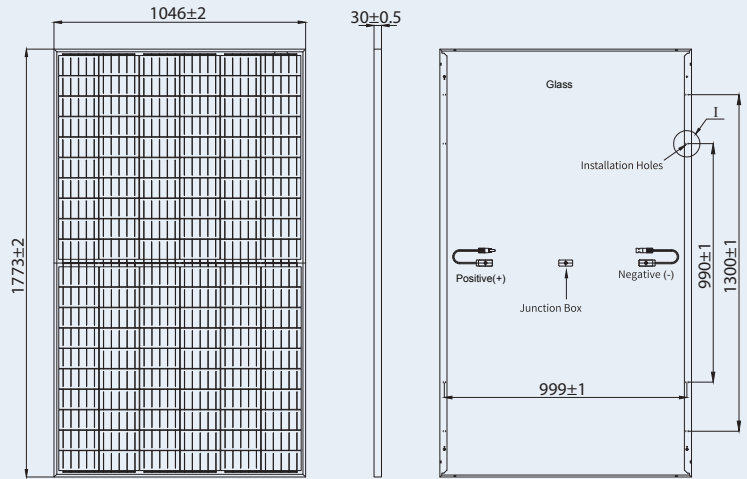


Sertifikato Nr. Z2 113312 0001 Rev. 00., produkto atitiktis (EN) IEC 61215-1:2016, (EN) IEC 61215-1-1:2016, (EN) IEC 61215-2:2016, (EN) IEC 61730-1:2016, (EN) IEC 61730-2:2016. Sertifikato galiojimo laikas 2021-07-01 - 2026-03-10.



ELECTRICAL PARAMETERS

Type, Nominal Power, Wp	Solet-TSA-370M2
Maximum Power* (PMPP)	370 Wp (0~3%)
Maximum Voltage (UMPP)	34.20 V
Maximum Current (IMPP)	10.82 A
Open Circuit Voltage (UOC)	41.27 V ($\pm 3\%$)
Short Circuit Current (ISC)	11.35 A ($\pm 4\%$)
Power tolerance	Positive
Efficiency, %	20.30



MECHANICAL PARAMETERS

Solar cell	Monocrystalline
Number of cells	120 pcs. (6x20), half cells
Front, back side glass	2.50 mm (Semi tempered, front glass - coated)
Weight	up to 27.0 kg
Dimensions (LxWxH)	1773x1046x30mm
J-box	IP67
Cable length	>500 mm (+) and >500 mm (-)
Cable cross-section size	4 mm ²
Number of diodes	3 by-pass diodes
Plug-in connection	MC4 or equivalent (IP65)
Frame	30 mm Aluminum alloy (black coated)
Packing Configuration	35 pcs./pallet

Irradiance 1000 W/m²,
temperature of modules 25°C,
spectrum AM 1.5.

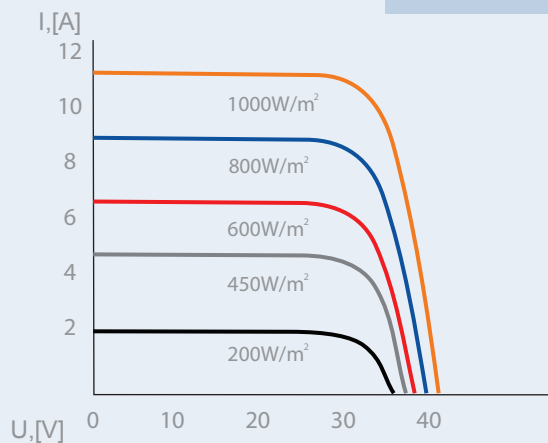
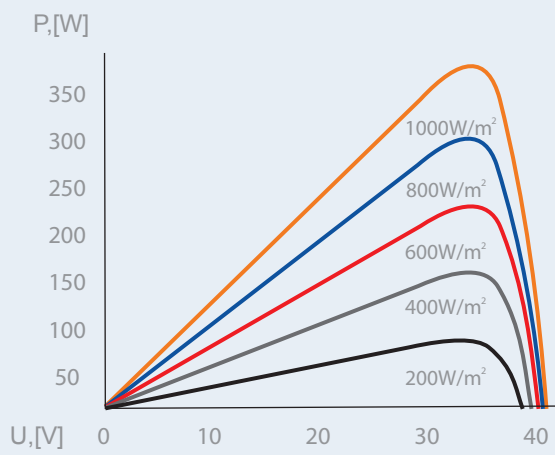
Warranty is applicable by UAB Solet
limited warranty terms.

WORKING CONDITIONS

Maximum System Voltage	1000/1500V
Operating temperature	-40 °C / +85 °C
Max. wind load/max. snow load	2400 Pa/5400 Pa*

TEMPERATURE COEFFICIENTS

Voltage temperature coefficient	β	-0.33 %/°C
Current temperature coefficient	α	0.04 %/°C
Power temperature coefficient	δ	-0.42 %/°C



* Safety factor 1,5 is included.