



SUN VALUE High-performance photovoltaic modules for highest standards and professional use

SV – 240 / 245 / 250 / 255 MI-T

High module efficiency

by using high-efficiency cells
with excellent temperature coefficients

Safety glass

tempered glass, highly transparent
with special surface structure for best yields

Extremely strong frame

extruded, anodized aluminum
suitable for all existing installation systems

Very long lifetime

special high-quality lamination and films
closed edge seal

10 years product warranty

on materials and workmanship

25 years performance warranty

12 years 90%, 25 years 80%

Certification and testing

TÜV IEC 61215
TÜV IEC 61730
VDE, CE, ROHS

Safety class II approved

Mechanical load resistance

5400 PA = 540 kg/m²
equals snow load zone III



SUN VALUE photovoltaic modules.
Production in Austria.

Mechanical data:

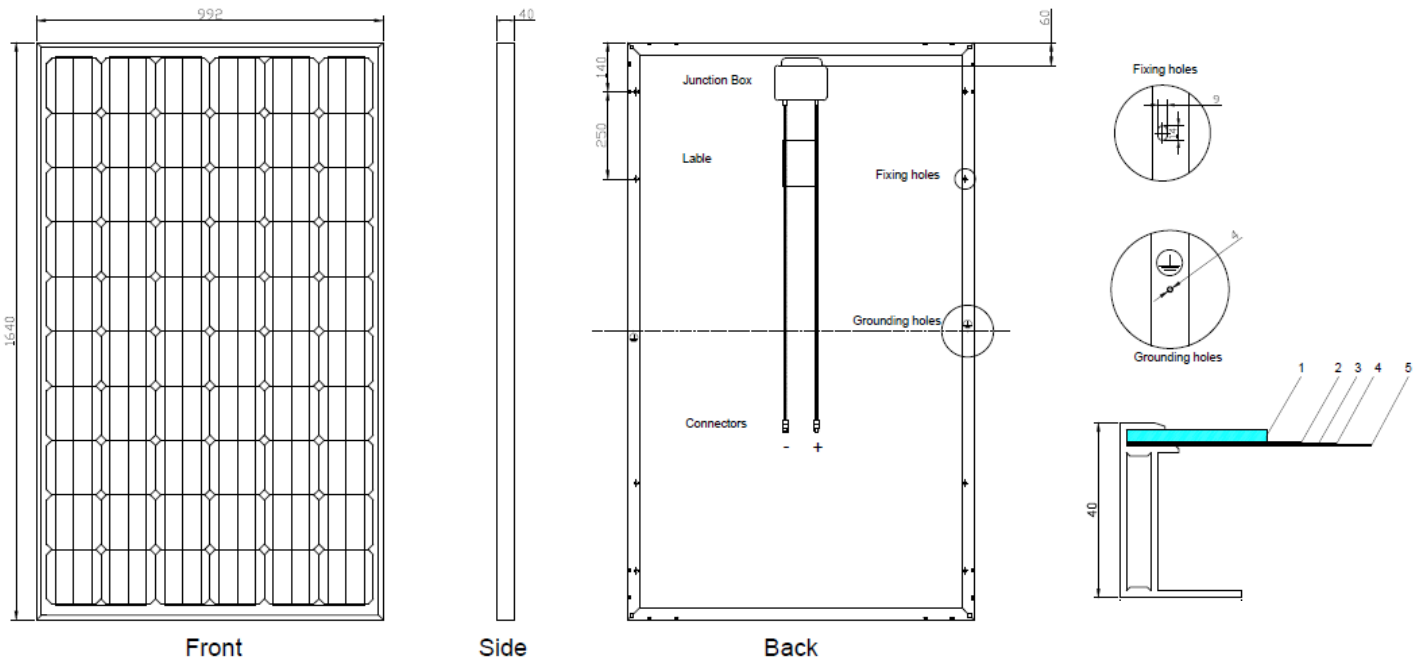
Module size	1,640 x 992 x 40 mm
Solar cells	60 monocrystalline silicon solar cells, 156 mm x 156 mm
Glass	Tempered, highly-transparent solar glass with special surface structure
Connections	TÜV-certified junction box with 6 bypass diodes, safety class IP 65
Cable	TÜV-certified solar cable, 4 mm ² , 900 mm in length
Plugs	TÜV-certified connectors MC 4
Frame	extruded, anodized aluminum, mechanical capacity up to 5.4 kN/m ²
Weight	18.60 kg

Electrical data:

Rated power (P_{max})	240 Wp	245 Wp	250 Wp	255 Wp	Power tolerance	+ 3%
Rated voltage (V_{max})	29.70 V	30.00 V	30.30 V	30.50 V	Operating module temperature	- 40°C to + 85°C
Rated current (I_{mp})	8.09 A	8.17 A	8.25 A	8.36 A	Max. back current I_R	15 A
Open circuit voltage (U_{oc})	36.80 V	37.00 V	37.30 V	37.50 V	Temperature coefficient P_{max}	- 0.44 % / °C
Short circuit current (I_{sc})	8.58 A	8.69 A	8.76 A	8.82 A	Temperature coefficient I_{sc}	0.05 % / °C
Module efficiency	14.75 %	15.06 %	15.37 %	15.67 %	Temperature coefficient U_{oc}	- 0.36 % / °C
Max. system voltage	1000 VDC				NOCT	47°C

Application class	A (IEC 61730)
Fire class	B (IEC 61730)
Safety class	II
Ammonia corrosion test	CD IEC 62716
Salt mist corrosion test	IEC 61701:2011

5	Backsheet	1	1636 x 986 x 0.3
4	EVA	1	1636 x 986 x 0.5
3	Wafer	60	156 x 156
2	EVA	1	1636 x 986 x 0.5
1	Glass	1	1636 x 986 x 3.2
Position	Description	Number	Size in mm



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