

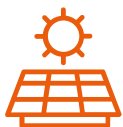
Photovoltaic Module

WS-LINE158-72

- Tempered glass with anti-reflective coating
- Monocrystalline technology
- Guaranteed positive power tolerance
- High fill factor
- Increased PID resistance
- Guarantee of origin – Polish product
- The highest quality of the constituent materials
- Electroluminescent tested

25-YEAR
LINEAR POWER
WARRANTY

12-YEAR
WARRANTY



AVIA SOLAR

ELECTRICAL PARAMETERS

Module type	WS-LINE158-72					
Maximum power [Wp] (Pmax/W)	365	370	375	380	385	390
Open circuit voltage [V]	48,50	48,60	48,70	48,80	48,90	49,00
Short circuit current [A]	10,26	10,28	10,30	10,33	10,35	10,37
Maximum power current [A]	9,50	9,58	9,66	9,73	9,81	9,89
Maximum power voltage [V]	38,50	38,70	38,90	39,10	39,30	39,50
Module efficiency [%]	17,8	18,1	18,3	18,6	18,8	19,0

STC measured under Standard Test Conditions: Solar irradiance 1000 W / m², Air mass index 1.5 AM and cell temperature 25 ° C.
Measurement tolerance Pmax 0/+5Wp, Isc ± 5%, Voc ± 5%

MECHANICAL PARAMETERS

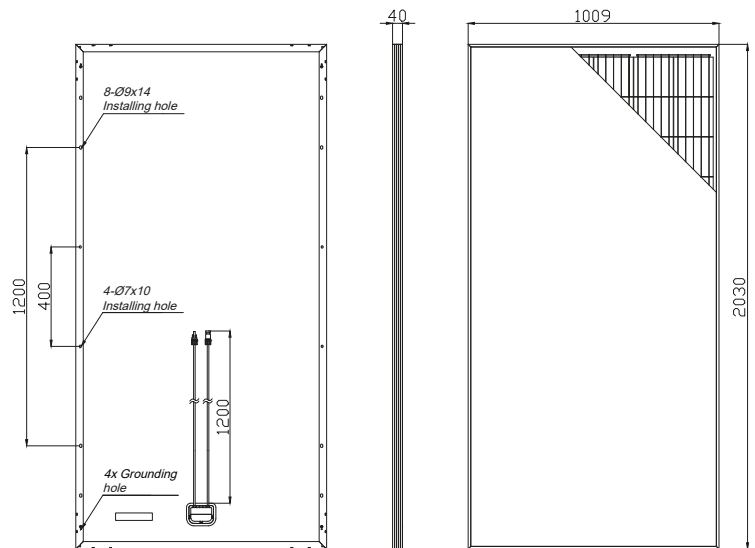
Front glass	3,2 mm, tempered
Encapsulant	EVA Film
Frame	Anodized aluminium, silver
Cells	Monocrystalline, 5BB
Quantity	72
Junction box	IP67, 3 by-pass diodes
Cables	1200 mm, φ = 4mm ²
Connectors	MC4 compatible, IP68
Weight [kg]	23 kg
Size	2030x1009x40mm

TEMPERATURE PARAMETERS

Temperature coefficient current [%/°C]	0,1
Temperature coefficient voltage [%/°C]	- 0,27
Temperature coefficient power [%/°C]	- 0,32

PACKING

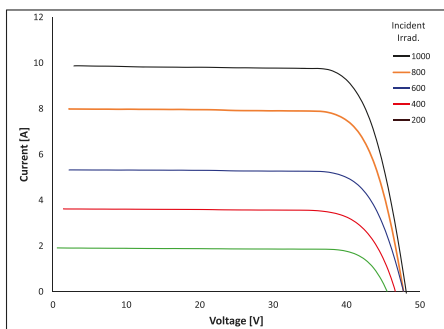
Packing system	27 pcs/pallet
	20 pallet/container 40'HC



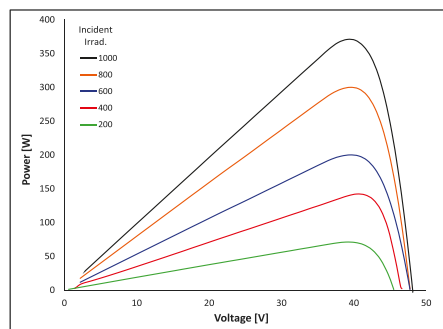
APPLICATION PARAMETERS

Power tolerance [Wp]	0 - 5
Maximum system voltage [VDC]	1000
Maximum mechanical load [Pa]	2400
Maximum wind load [Pa]	2400
Operating temperature [°C]	-40 / +85
Reverse current protection [A]	20
Safety class	II

CURRENT/VOLTAGE



POWER/CURRENT



CURRENT/VOLTAGE

