

J. v. G. Desert ++ Module

THE HIGHLIGHTS

- long life test:
up to 75 years with more than 80 percent power
- high yield test:
up to 35 % more power per year; with special HPTP-process, step 2 features
- Maximum (sustained) Temperature: 125° C, average 145° C maximum (for 5 minutes)
- 12-year product guarantee
- 100 % PID free
- Proven German/Bavarian quality of products and manufacturing facilities
- Particularly more stabiler aluminium frame (45 mm, snow load class III)
- Maximum energy yield and high annual power output
- 12-year achievement guarantee on mind. 90% of the given nominal achievement
- 30-year achievement guarantee on mind. 80% of the given nominal achievement



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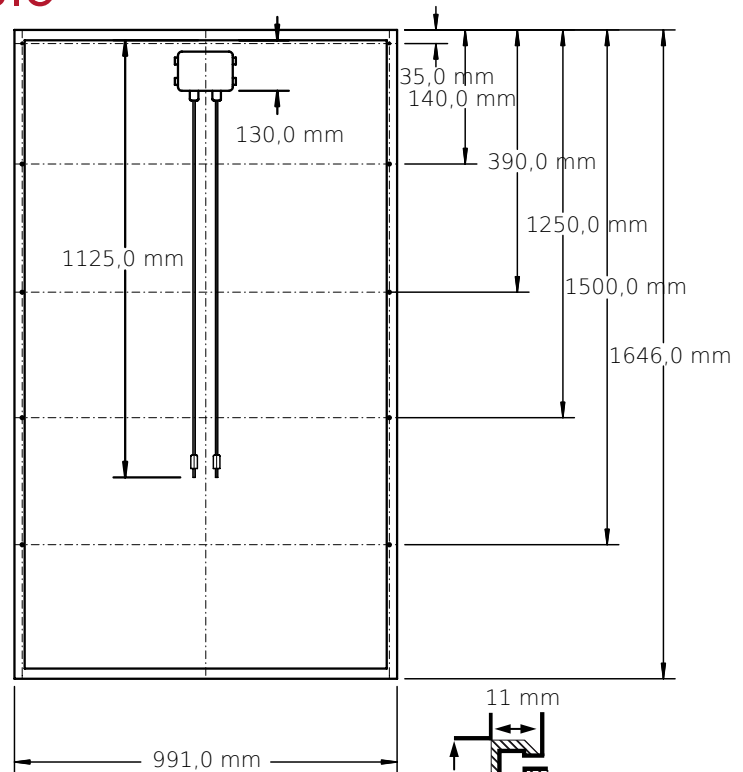
Basic Data:

Dimensions: (L) 1646 mm x (W) 991 mm x (T) 45 mm, Weight: 20,5 kg, Number of cells: 60, Cell size: 156 mm x 156 mm, Cell material: polycrystalline Si, Front cover: Solar glass Backside film: polymer, Frame material: aluminum Cable length: 1000 mm, Connector type: Original MC4 or MC4 compatible. Bypass diodes: 3

Manufactured and tested according to IEC standard 61215 and DIN 61730.

Climate Neutral prepared.

Continuous research and development plays a major role in opening up new possibilities in the manufacturing of solar modules. At Jurawatt, we consider it our job to be a pacemaker in this process. For this reason, the data and measurements given in this product data sheet can be subject to change at short notice. No legal claims may be derived from the contents of these product data sheets. Jurawatt assumes no liability for the usage of the information contained therein or for any consequences resulting there from.



Elektrische Daten	JVG 240	JVG 245	JVG 250	JVG 255	JVG 260	JVG 265	JVG 270
Rated output P _{mpp}	240 W	245 W	250 W	255 W	260 W	265 W	270 W
Rated current I _{mpp}	7,90 A	7,98 A	8,05 A	8,1 A	8,14 A	8,18 A	8,27 A
Rated voltage U _{mpp}	30,38 V	30,7 V	31,06 V	30,9 V	31,94 V	32,4 V	32,65 V
Short circuit current I _{sc}	8,43 A	8,48 A	8,52 A	8,54 A	8,58 A	8,6 A	8,62 A
Open circuit voltage U _{oc}	38,22 V	38,5 V	39,2 V	39,4 V	39,7 V	39,9 V	40,1 V
Efficiency	14,71 %	15,02 %	15,32 %	15,63 %	15,94 %	16,24 %	16,55 %
Sorting	+3W/-2W	+3W/-2W	+3W/-2W	+3W/-2W	+3W/-2W	+3W/-2W	+3W/-2W
Maximum voltage	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V

Temperature coefficient	
Short circuit current α (I _{sc})	+ 0,072 (%/K)
Open circuit voltage β (U _{oc})	- 0,338 (%/K)
Power Rating x (P _{mpp})	- 0,475 (%/K)

Load	
mechanically	5.400 Pa
Reverse current	IR 15 A

Accuracy P_{mpp} 3%
Accuracy of other el. data 10%

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