AX P-60 3.2

premium bluePOWER

AxSun Solar
„German Modules with Character"

Photovoltaic modules from German manufacturer - developed and manufactured with German quality demand

reliable . powerful . attractive

passionate . honest . empathic

- *Front with 3.2 mm tempered safety solar glass*
- *Optimal use of the sun by high-efficiency polycrystalline cells*
- *Plus sorting for extra yield*
- *PID free*
- *100% EL tested*
- *100% Made in Germany*

100% EL-CHECK

100% QS-CHECK

PID FREE

100% PLUS-SORTING

100% MADE IN GERMANY

max. 7200 Pa

- 10 year product guarantee
- 25 year performance guarantee

- very good performance tolerance 0/+5Wp
- compatible with all common inverters
- constant production control
- processing of high quality components according to German quality standards

www.axsun.de

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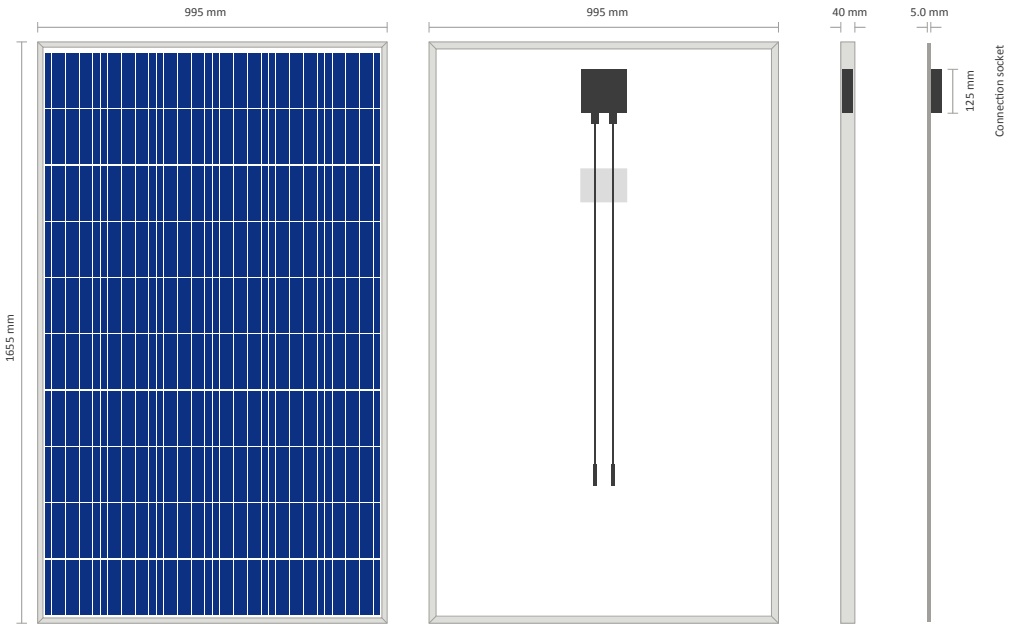
Basic data	
Dimensions (LxWxH)	1655 x 995 x 40 mm
Weight	17,9 kg
Cells	60 polycrystalline solar cells (156x156mm)
Glass front	3,2 mm hardened safety glass
Frame	Anodised aluminium section with hollow chamber and drainage holes, silver anodised
Bypass diodes	3 pieces
Connection socket	Connecting socket plastic, IP65 type of protection
Cable, plug	4mm^2 solar cable, 1000 mm long, high-quality plug system, MC4
Max. Voltage	1000 V
Max. return current	15 A
Temperature range	-40°C to 85°C
Max. pressure load (with third mounting rail, please follow installation instructions)	7200 Pascal
Max. pressure load	5400 Pascal
Max. dynamic load	2400 Pascal
Application class (acc. to IEC 61730)	A
Fire class (acc. to IEC 61730)	C
Protection class	II

Electrical data under standard test conditions *			AX P-60 260	AX P-60 265	AX P-60 270
Rated power	P_{MPP}	[Wattpeak]	260 Wp	265 Wp	270 Wp
Rated voltage	U_{MPP}	[Volt]	30.20 V	30.32 V	30.47 V
Rated current	I_{MPP}	[Ampere]	8.61 A	8.74 A	8.86 A
No-load voltage	U_{OC}	[Volt]	37.14 V	37.29 V	37.47 V
Short-circuit current	I_{SC}	[Ampere]	9.20 A	9.34 A	9.47 A
Efficiency	η		15.79 %	16.09 %	16.40 %
Electrical behaviour under NOCT**					
Rated power NOCT	P_{NOCT}	[Wattpeak]	189 Wp	192 Wp	196 Wp
Rated voltage	U_{MPP}	[Volt]	27.02 V	27.13 V	27.26 V
Rated current	I_{MPP}	[Ampere]	6.97 A	7.07 A	7.17 A
No-load voltage	U_{OC}	[Volt]	33.77 V	33.90 V	34.07 V
Short-circuit current	I_{SC}	[Ampere]	7.45 A	7.56 A	7.67 A

Temperature coefficient (in case of temperature change)			
Power	P_{MPP}	[Wattpeak]	Tk P_{MPP} = -0.406 %/K
Voltage	U_{OC}	[Volt]	Tk U_{OC} = -0.308 %/K
Current	I_{SC}	[Ampere]	Tk I_{SC} = 0.057 %/K



take e way
for an easy way

Sales partner AxSun Solar

100% MADE IN GERMANY

AxSun Solar GmbH & Co. KG • 02.2017 • Subject to error and technical modifications

Certified in accordance with IEC 61215 ed.2 and IEC 61730 • All data on this data sheet comply with DIN EN 50380 • Further information in the assembly and installation instructions • You can call up our detailed guarantee and performance conditions under www.axsun.de • WEEE-Reg.-Nr. DE 71294982 • Measuring tolerance rated power: +/- 4%; other values: Measuring tolerance: +/- 10% • * Standard test conditions (STC): Radiation into module plane 1,000 W/m2, (AM) 1.5; 25°C • ** Normal Operating Cell Temperature (NOCT): 800 W/m2, (AM) 1.5; 47°C