

# AX P-60<sup>3.2</sup> 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



- ▶ 12 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](http://www.axsun.de)

# AX P-60<sup>3.2</sup>

## premium bluePOWER

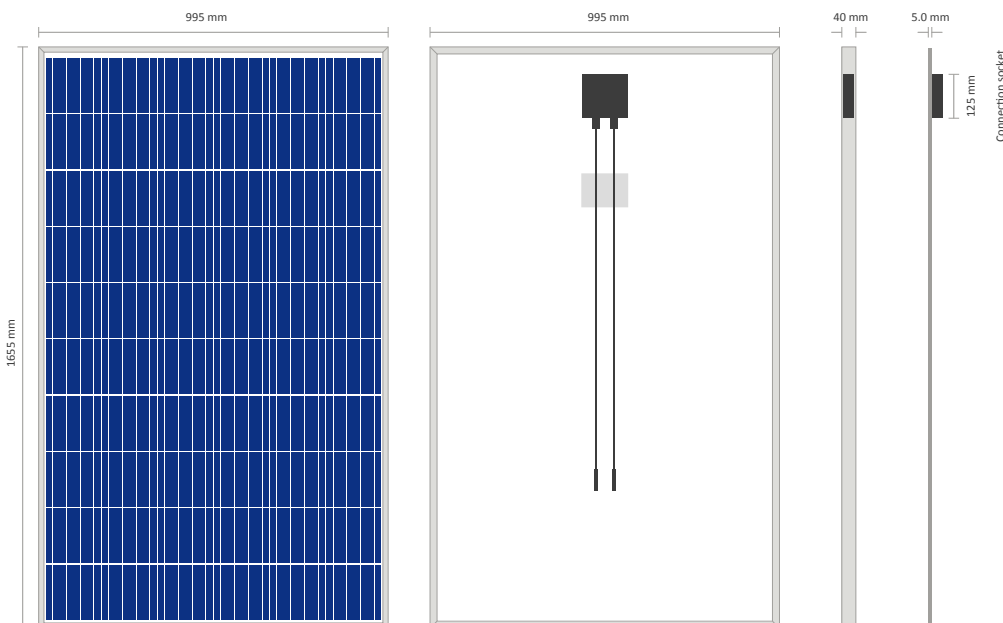
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Basic data	
Dimensions (LxWxH)	1655 x 995 x 40 mm
Weight	17,9 kg
Cells	60 polycrystalline solar cells (156x156mm)
Glass front	3,2 mm hardened safety glass
Frame	Anodised aluminium section with hollow chamber and drainage holes, silver anodised
Bypass diodes	3 pieces
Connection socket	Connecting socket plastic, IP65 type of protection
Cable, plug	4mm <sup>2</sup> solar cable, 1000 mm long, high-quality plug system, KSK4 (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		AX P-60	AX P-60	AX P-60
under standard test conditions *		270	275	280
Rated power	$P_{MPP}$ [Wattpeak]	270 Wp	275 Wp	280 Wp
Rated voltage	$U_{MPP}$ [Volt]	31.03 V	31.36 V	31.67 V
Rated current	$I_{MPP}$ [Ampere]	8.70 A	8.77 A	8.84 A
No-load voltage	$U_{OC}$ [Volt]	38.17 V	38.57 V	38.96 V
Short-circuit current	$I_{SC}$ [Ampere]	9.30 A	9.38 A	9.45 A
Efficiency	$\eta$	16.40 %	16.70 %	17.00 %

Electrical behaviour under NOCT**		AX P-60	AX P-60	AX P-60
Rated power NOCT	$P_{NOCT}$ [Wattpeak]	196 Wp	199 Wp	203 Wp
Rated voltage	$U_{MPP}$ [Volt]	27.77 V	28.06 V	28.34 V
Rated current	$I_{MPP}$ [Ampere]	7.04 A	7.10 A	7.15 A
No-load voltage	$U_{OC}$ [Volt]	34.70 V	35.06 V	35.42 V
Short-circuit current	$I_{SC}$ [Ampere]	7.53 A	7.59 A	7.65 A

Temperature coefficient (in case of temperature change)		AX P-60	AX P-60	AX P-60
Power	$P_{MPP}$ [Wattpeak]		$Tk P_{MPP} = -0.406 \%/K$	
Voltage	$U_{OC}$ [Volt]		$Tk U_{OC} = -0.308 \%/K$	
Current	$I_{SC}$ [Ampere]		$Tk I_{SC} = 0.057 \%/K$	



takeaway  
for an easy way



Sales partner AxSun Solar

100%  
MADE IN  
GERMANY