

AX M-60 3.2 performer

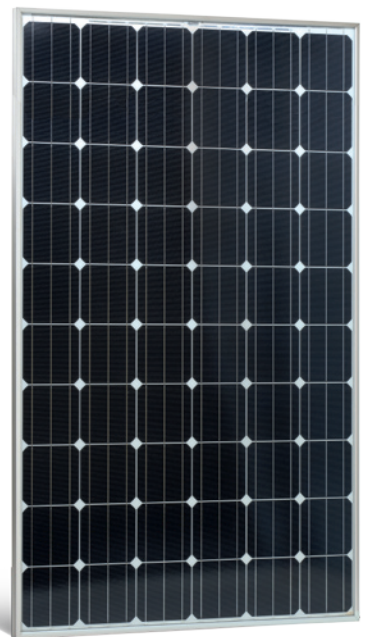
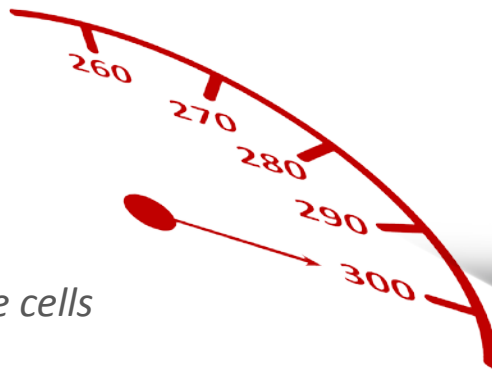
AXSUN Solar
„German Modules with Character“

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

reliable . powerful . attractive
passionate . honest . empathic

*The highest quality and
most powerful 300Wp
far and wide!!!*

- ▶ High mechanical resistance
- ▶ Optimal use of the sun by high-efficiency monocrystalline cells
- ▶ Plus sorting for extra yield
- ▶ 100% free of PID
- ▶ 100% EL tested
- ▶ 100% Made in Germany



**HIGHPOWER!
300Wp**

- ▶ 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
- ▶ further option of integrated Solaredge Power Optimizer maximizing the kWh output up to 25%

* You can call up our detailed guarantee and performance conditions under www.axsun.de.

** Performance guarantee: 97.5% in the 1st year, linearised performance guarantee from the 2nd year onwards with a maximum 0.7% reduction in performance per year. Guaranteed 91.2% of the performance in the 10th year and 80.7% of the performance in the 25th year (related to the specified minimum performance).



www.axsun.de

AX M-60^{3.2} performer

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Basic data	Module	Laminate
Dimensions	Length	1655 mm
	Width	995 mm
	Height	40 mm (without connection socket)
Weight	18 kg	16,9 kg
Cells	60 monocrystalline solar cells (156x156mm)	
Glass	3,2 mm hardened safety glass, with anti-reflection coating	
Frame	Anodised aluminium - section with hollow chamber and drainage holes, black or silver anodised	
Bypass diodes	3 pieces	
Connection socket	Connecting socket plastic, IP65 type of protection, optional with embedded Solaredge power optimizer	
Cable, plug	4mm ² solar cable, 1.000 mm long, high-quality plug system, MC4 compatible	
Max. Voltage	1000 V	
Max. return current	15 A	
Temperature range	-40°C bis 85°C	
Max. pressure load	5400 Pascal	***
Max. dynamic load	2400 Pascal	***
Application class (acc. to IEC 61730)	A	
Fire class (acc. to IEC 61730)	B	
Protection class	II	

Electrical data under standard test conditions *

			AX M-60 300
Rated power	P_{MPP} [Wattpeak]		300 Wp
Rated voltage	U_{MPP} [Volt]		32.51 V
Rated current	I_{MPP} [Ampere]		9.23 A
No-load voltage	U_{OC} [Volt]		39.99 V
Short-circuit current	I_{SC} [Ampere]		9.86 A
Wirkungsgrad	η		18.22 %

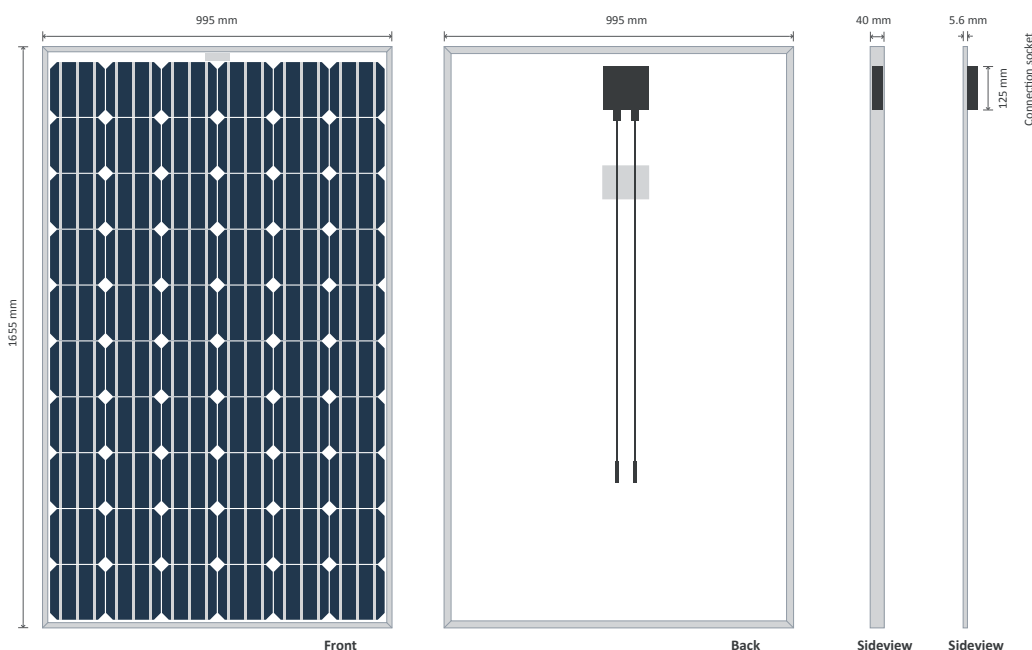
Electrical behaviour under NOCT**

Rated power NOCT	P_{NOCT} [Wattpeak]		218 Wp
Rated voltage	U_{MPP} [Volt]		29.09 V
Rated current	I_{MPP} [Ampere]		7.47 A
No-load voltage	U_{OC} [Volt]		36.36 V
Short-circuit current	I_{SC} [Ampere]		7.98 A

Temperature coefficient (in case of temperature change)

Power	P_{MPP} [Wattpeak]		$Tk P_{MPP} = -0.43 \% / K$
Voltage	U_{OC} [Volt]		$Tk U_{OC} = -0.319 \% / K$
Current	I_{SC} [Ampere]		$Tk I_{SC} = 0.043 \% / K$

HIGHPOWER!
300Wp



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GERMANY