

# AX M-60 3.2 premium

**AXSUN** Solar  
„German Modules with Character“

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

reliable . powerful . attractive  
passionate . honest . empathic

- ▶ High mechanical resistance
- ▶ Optimal use of the sun by high-efficiency monocrystalline 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

- ▶ 15 years 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%



[www.axsun.de](http://www.axsun.de)

# AX M-60<sup>3.2</sup> premium

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## Basic data

Dimensions (LxWxH)	1655 x 995 x 40 mm
Weight	18 kg
Cells	60 monocrystalline solar cells (156x156 mm)
Glass	3.2 mm hardened safety glass, optional 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 <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 <small>(with third mounting rail, please follow installation instructions)</small>	7200 Pascal
Max. pressure load	5400 Pascal
Max. dynamic load	2400 Pascal
Application class <small>(acc. to IEC 61730)</small>	A
Fire class <small>(acc. to IEC 61730)</small>	C
Protection class	II
Laminate	Dimensions 1648 x 988 x 5 mm, Weight 16.9 kg

## Electrical data

under standard test conditions \*

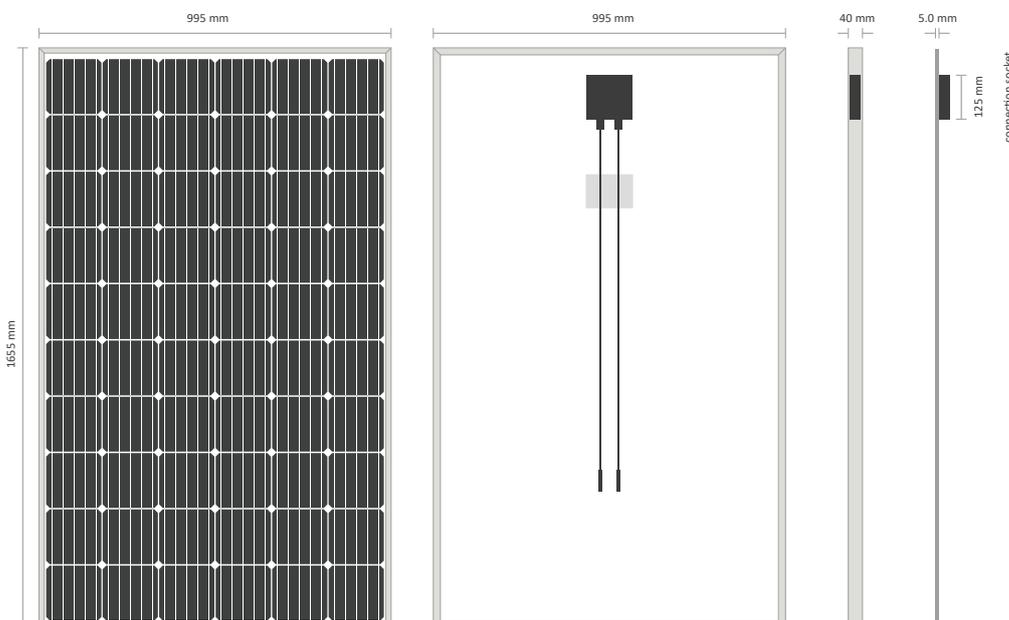
		AX M-60 280	AX M-60 285	AX M-60 290
Rated power	$P_{MPP}$ [Wattpeak]	280 Wp	285 Wp	290 Wp
Rated voltage	$U_{MPP}$ [Volt]	32.18 V	32.06 V	32.22 V
Rated current	$I_{MPP}$ [Ampere]	8.70 A	8.89 A	9.00 A
No-load voltage	$U_{OC}$ [Volt]	39.59 V	39.43 V	39.63 V
Short-circuit current	$I_{SC}$ [Ampere]	9.30 A	9.50 A	9.62 A
Efficiency	$\eta$	17.00 %	17.31 %	17.61 %

## Electrical behaviour under NOCT\*\*

Rated power NOCT	$P_{NOCT}$ [Wattpeak]	203 Wp	207 Wp	210 Wp
Rated voltage	$U_{MPP}$ [Volt]	28.80 V	28.68 V	28.83 V
Rated current	$I_{MPP}$ [Ampere]	7.04 A	7.19 A	7.28 A
No-load voltage	$U_{OC}$ [Volt]	35.99 V	35.85 V	36.03 V
Short-circuit current	$I_{SC}$ [Ampere]	7.53 A	7.69 A	7.79 A

## Temperature coefficient (in case of temperature change)

Power	$P_{MPP}$ [Wattpeak]	$Tk P_{MPP} = -0.42 \% / K$
Voltage	$U_{OC}$ [Volt]	$Tk U_{OC} = -0.32 \% / K$
Current	$I_{SC}$ [Ampere]	$Tk I_{SC} = 0.043 \% / K$



take way  
for an easy way



Sales partner AxSun Solar

100%  
MADE IN  
GERMANY