

# AX M-60 GGM 2.0<sup>2</sup> infinity

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

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

reliable . powerful . attractive  
passionate . honest . empathic

## *Powerful, elegant and extremely durable!*

- ▶ Front and rear with 2 mm hardened safety glass for maximum durability
- ▶ High mechanical strength
- ▶ Optimal solar utilization by highly efficient monocrystalline cells
- ▶ Plus sorting for extra income
- ▶ PID free
- ▶ 100% EL checked
- ▶ 100% Made in Germany



extremely durable



**30** year\*  
guarantee!



- ▶ 30 year product guarantee
- ▶ 30 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 GGM 2.0<sup>2</sup> infinity

www.axsun.de

## Basic data

Dimensions (LxWxH)	1685 x 995 x 40 mm
Weight	24 kg
Cells	60 monocrystalline solar cells (156x156 mm)
Glass front	2 mm hardened safety glass
Glass back	2 mm hardened safety glass
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 bis 85°C
Max. pressure load (with third mounting rail, please follow installation instructions)	7200 Pascal
Max. pressure load	6000 Pascal
Max. dynamic load	2400 Pascal
Application class (acc. to IEC 61730)	A
Fire class (acc. to IEC 61730)	B
Protection class	II
Laminate	Dimensions 1678 x 988 x 5.6 mm, Weight 22.7 kg

## Electrical data

under standard test conditions \*

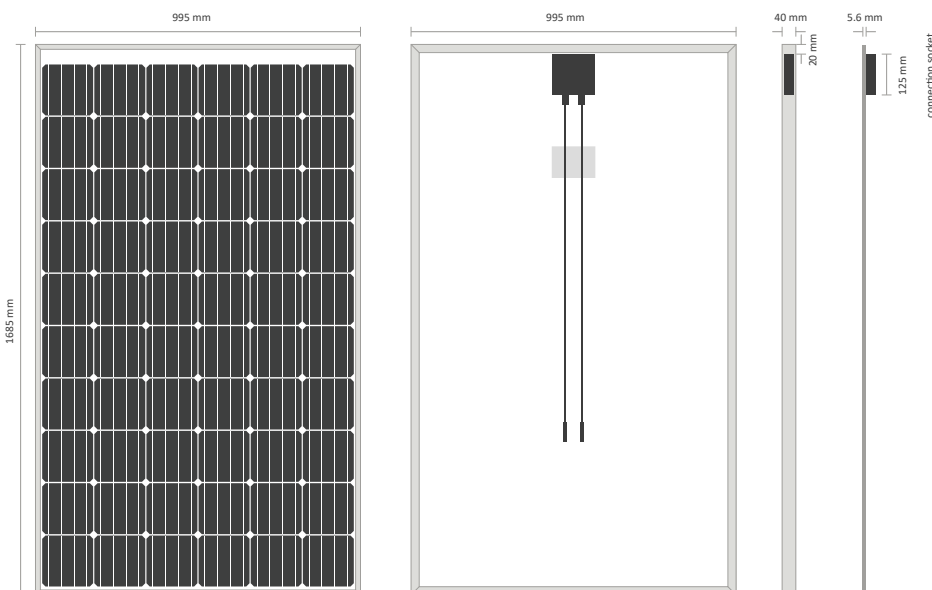
		AX M-60 275	AX M-60 280	AX M-60 285
Rated power	$P_{MPP}$ [Wattpeak]	275 Wp	280 Wp	285 Wp
Rated voltage	$U_{MPP}$ [Volt]	31.94 V	32.18 V	32.06 V
Rated current	$I_{MPP}$ [Ampere]	8.61 A	8.70 A	8.89 A
No-load voltage	$U_{OC}$ [Volt]	39.29 V	39.59 V	39.43 V
Short-circuit current	$I_{SC}$ [Ampere]	9.20 A	9.30 A	9.50 A
Efficiency	$\eta$	16.40 %	16.70 %	17.00 %

## Electrical behaviour under NOCT\*\*

Rated power NOCT	$P_{NOCT}$ [Wattpeak]	199 Wp	203 Wp	207 Wp
Rated voltage	$U_{MPP}$ [Volt]	28.58 V	28.80 V	28.68 V
Rated current	$I_{MPP}$ [Ampere]	6.97 A	7.04 A	7.19 A
No-load voltage	$U_{OC}$ [Volt]	35.71 V	35.99 V	35.85 V
Short-circuit current	$I_{SC}$ [Ampere]	7.45 A	7.53 A	7.69 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

AxSun Solar GmbH & Co. KG • 01.2018 • Subject to error and technical modifications