

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

infinity  
HIGHPOWER

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

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

reliable . powerful . attractive

**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 PERC cells
- ▶ Plus sorting for extra income
- ▶ PID free
- ▶ 100% EL checked
- ▶ 100% Made in Germany



100%  
EL-CHECK



100%  
QS-CHECK



PID  
FREE



100%  
PLUS-  
SORTING



100%  
MADE IN  
GERMANY



max.  
7200 Pa

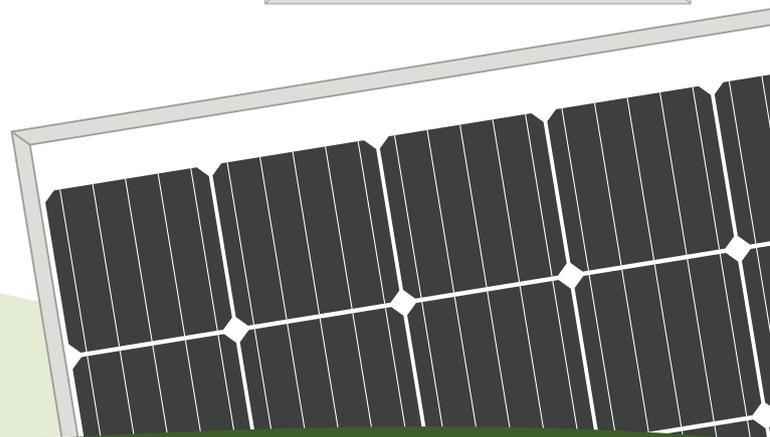
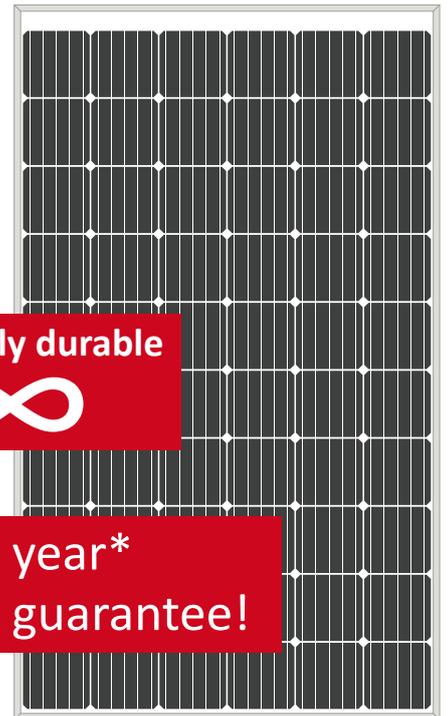


PERC  
HIGHPOWER

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 HIGHPOWER

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 (SMD diodes with cooling plate)
Connection socket	Connecting socket plastic, IP67 type of protection
Cable, Plug	4mm <sup>2</sup> solar cable, 1.000 mm long, high-quality plug system, original MC4
Max. Voltage	1000 V
Max. return current	20 A
Temperature range	-40°C bis 85°C
Max. pressure load <small>(with third mounting rail, please follow installation instructions)</small>	7200 Pascal
Max. pressure load	6000 Pascal
Max. dynamic load	2400 Pascal
Application class <small>(acc. to IEC 61730)</small>	A
Fire class <small>(acc. to IEC 61730)</small>	B
Protection class	II
Laminate	Dimensions 1678 x 988 x 5.6 mm, Weight 22.7 kg

## Electrical data

under standard test conditions \*

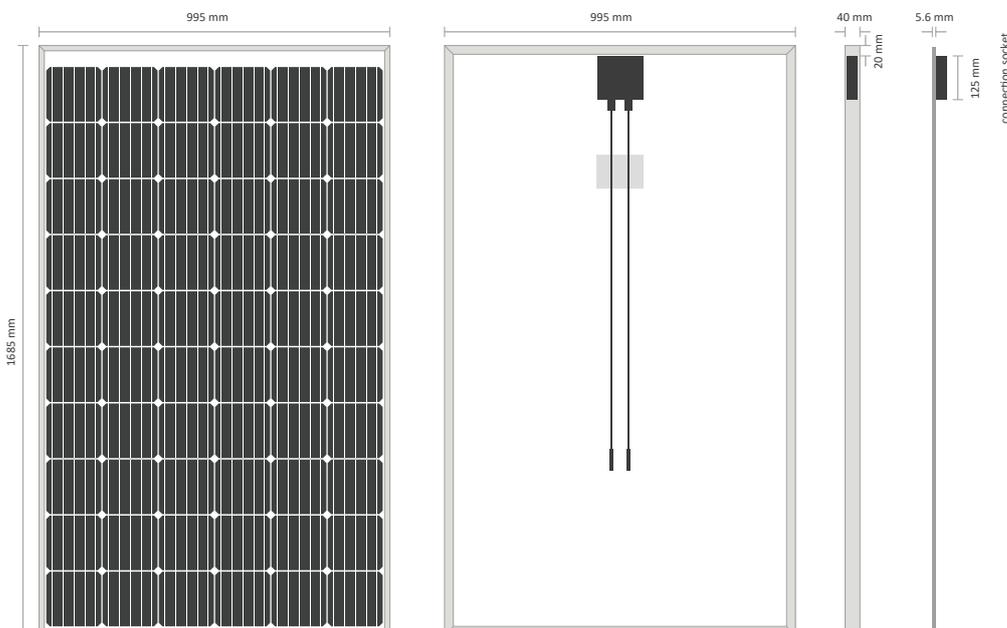
		AX M-60 305	AX M-60 310	AX M-60 315
Rated power	$P_{MPP}$ [Wattpeak]	305 Wp	310 Wp	315 Wp
Rated voltage	$U_{MPP}$ [Volt]	33.12 V	33.33 V	33.69 V
Rated current	$I_{MPP}$ [Ampere]	9.21 A	9.30 A	9.35 A
No-load voltage	$U_{OC}$ [Volt]	40.73 V	41.00 V	41.44 V
Short-circuit current	$I_{SC}$ [Ampere]	9.85 A	9.94 A	10.00 A
Efficiency	$\eta$	18.19 %	18.49 %	18.79 %

## Electrical behaviour under NOCT\*\*

		AX M-60 305	AX M-60 310	AX M-60 315
Rated power NOCT	$P_{NOCT}$ [Wattpeak]	221 Wp	225 Wp	228 Wp
Rated voltage	$U_{MPP}$ [Volt]	29.63 V	29.82 V	30.14 V
Rated current	$I_{MPP}$ [Ampere]	7.45 A	7.52 A	7.57 A
No-load voltage	$U_{OC}$ [Volt]	37.03 V	37.27 V	37.67 V
Short-circuit current	$I_{SC}$ [Ampere]	7.97 A	8.05 A	8.09 A

## Temperature coefficient (in case of temperature change)

Power	$P_{MPP}$ [Wattpeak]	$Tk P_{MPP} = -0.38 \%/K$
Voltage	$U_{OC}$ [Volt]	$Tk U_{OC} = -0.30 \%/K$
Current	$I_{SC}$ [Ampere]	$Tk I_{SC} = 0.07 \%/K$



take away  
for an easy way



Sales partner AxSun Solar

100%  
MADE IN  
GERMANY