

AX M-60 GGM 2.0²

infinity
HIGHPOWER

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



100%
EL-CHECK



100%
QS-CHECK



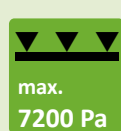
PID
FREE



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

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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 ² 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 *

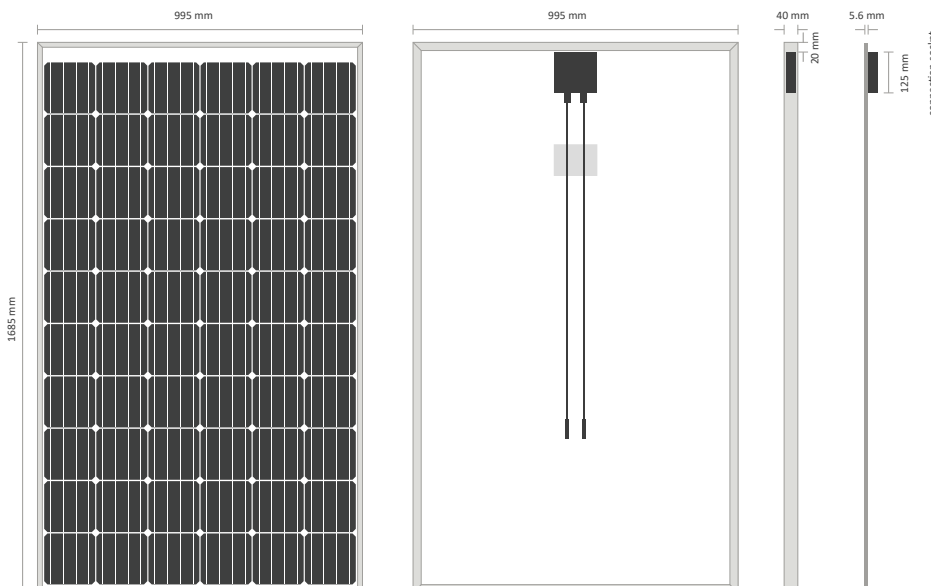
		AX M-60 300	AX M-60 305	AX M-60 310
Rated power	P_{MPP} [Wattpeak]	300 Wp	305 Wp	310 Wp
Rated voltage	U_{MPP} [Volt]	32.86 V	33.12 V	33.33 V
Rated current	I_{MPP} [Ampere]	9.13 A	9.21 A	9.30 A
No-load voltage	U_{OC} [Volt]	40.42 V	40.73 V	41.00 V
Short-circuit current	I_{SC} [Ampere]	9.76 A	9.85 A	9.94 A
Efficiency	η	17.89 %	18.19 %	18.49 %

Electrical behaviour under NOCT**

		AX M-60 300	AX M-60 305	AX M-60 310
Rated power NOCT	P_{NOCT} [Wattpeak]	218 Wp	221 Wp	225 Wp
Rated voltage	U_{MPP} [Volt]	29.40 V	29.63 V	29.82 V
Rated current	I_{MPP} [Ampere]	7.39 A	7.45 A	7.52 A
No-load voltage	U_{OC} [Volt]	36.74 V	37.03 V	37.27 V
Short-circuit current	I_{SC} [Ampere]	7.90 A	7.97 A	8.05 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 way
for an easy way



Sales partner AxSun Solar

100%
MADE IN
GERMANY