

AX M-60 GGM 2.0² infinity HIGHPOWER



*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
- ▶ 100% PID free
- ▶ 100% EL checked
- ▶ 100% Made in Germany

extremely durable



30 year*
guarantee!



100%
EL-CHECK



100%
QS-CHECK



100%
PID-FREE



100%
PLUS-
SORTING



100%
MADE IN
GERMANY

- ▶ 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%

* 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

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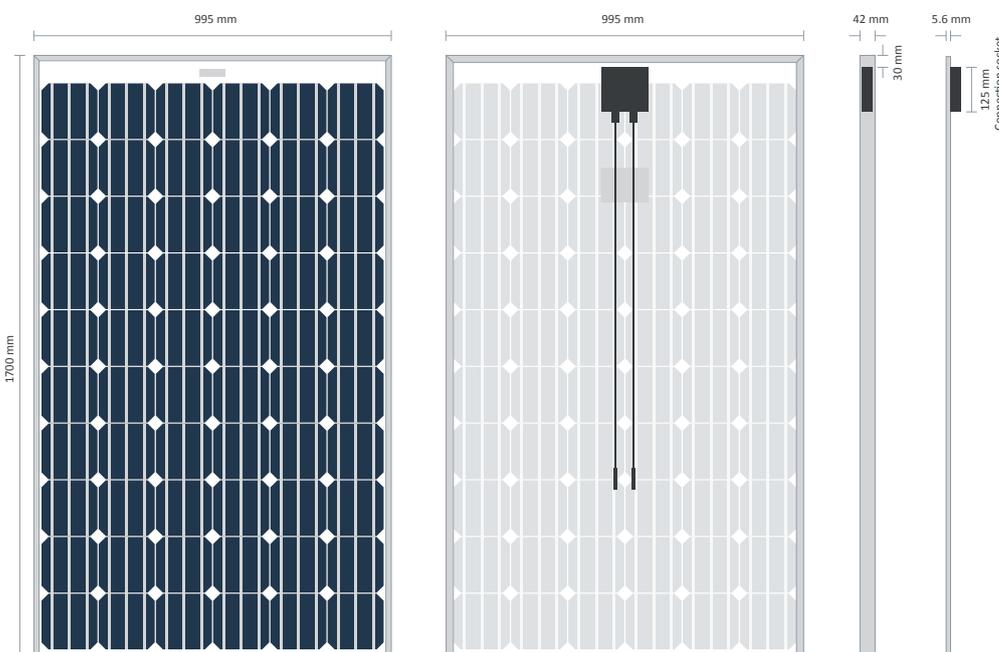
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Basic data	Module	Laminate
Dimensions	Length	1700 mm
	Width	995 mm
	Height	42 mm (without connection socket)
Weight	18 kg	16.9 kg
Cells	60 monocrystalline solar cells (156x156mm)	
Glass front	2.0 mm hardened safety glass	
Glass back	2.0 mm hardened 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, MC4	
Max. Voltage	1000 V	
Max. return current	15 A	
Temperature range	-40°C bis 85°C	
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	

Electrical data		AX M-60 290	AX M-60 295	AX M-60 300
under standard test conditions *				
Rated power	P_{MPP} [Wattpeak]	290 Wp	295 Wp	300 Wp
Rated voltage	U_{MPP} [Volt]	32.08 V	32.38 V	32.50 V
Rated current	I_{MPP} [Ampere]	9.04 A	9.11 A	9.23 A
No-load voltage	U_{OC} [Volt]	39.46 V	39.83 V	39.98 V
Short-circuit current	I_{SC} [Ampere]	9.66 A	9.74 A	9.87 A
Efficiency	η	17.32 %	17.62 %	17.91 %

Electrical behaviour		AX M-60 290	AX M-60 295	AX M-60 300
under NOCT**				
Rated power NOCT	P_{NOCT} [Wattpeak]	210 Wp	214 Wp	218 Wp
Rated voltage	U_{MPP} [Volt]	28.70 V	28.97 V	29.08 V
Rated current	I_{MPP} [Ampere]	7.31 A	7.37 A	7.47 A
No-load voltage	U_{OC} [Volt]	35.87 V	36.21 V	36.34 V
Short-circuit current	I_{SC} [Ampere]	7.82 A	7.88 A	7.99 A

Temperature coefficient		
Power	P_{MPP} [Wattpeak]	$Tk P_{MPP} = -0.46 \% / K$
Voltage	U_{OC} [Volt]	$Tk U_{OC} = -0.367 \% / K$
Current	I_{SC} [Ampere]	$Tk I_{SC} = 0.04 \% / K$



take way
for an easy way



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