

AX M-60 3.2

premium ensemble

Impressive look with
AxSun premium ensemble

**Attractive design
especially for monument
and ensemble protection**

**premium
HIGHPOWER**

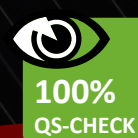
**Photovoltaic modules from German manufacturer -
developed and manufactured with German quality
demand**

reliable . powerful . attractive

MADE IN
GERMANY



100%
EL-CHECK



100%
QS-CHECK



PID
FREE



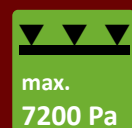
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100%
PLUS-
SORTING



100%
MADE IN
GERMANY



max.
7200 Pa



PERC
HIGHPOWER

- ▶ 15 years product guarantee
- ▶ 25 years product guarantee optionally available
- ▶ 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



www.axsun.de

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Basic data

Dimensions (LxWxH)	1655 x 995 x 40 mm
Weight	18 kg
Cells	60 monocrystalline solar cells (158x158 mm)
Glass	3.2 mm hardened safety glass, optional with anti-reflection coating
Frame	Anodised aluminium section with hollow chamber and drainage holes, powder-coated
Bypass diodes	3 pieces (SMD diodes with cooling plate)
Connection socket	Connecting socket plastic, IP67 type of protection
Cable, plug	4mm ² 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 (with third mounting rail, please follow installation instructions)	7200 Pascal
Max. pressure load	5400 Pascal
Max. dynamic load	2400 Pascal
Application class (acc. to IEC 61730)	A
Fire class (acc. to IEC 61730)	C
Protection class	II
Laminate	Dimensions 1648 x 988 x 5 mm, Weight 16.9 kg

Electrical data

under standard test conditions *

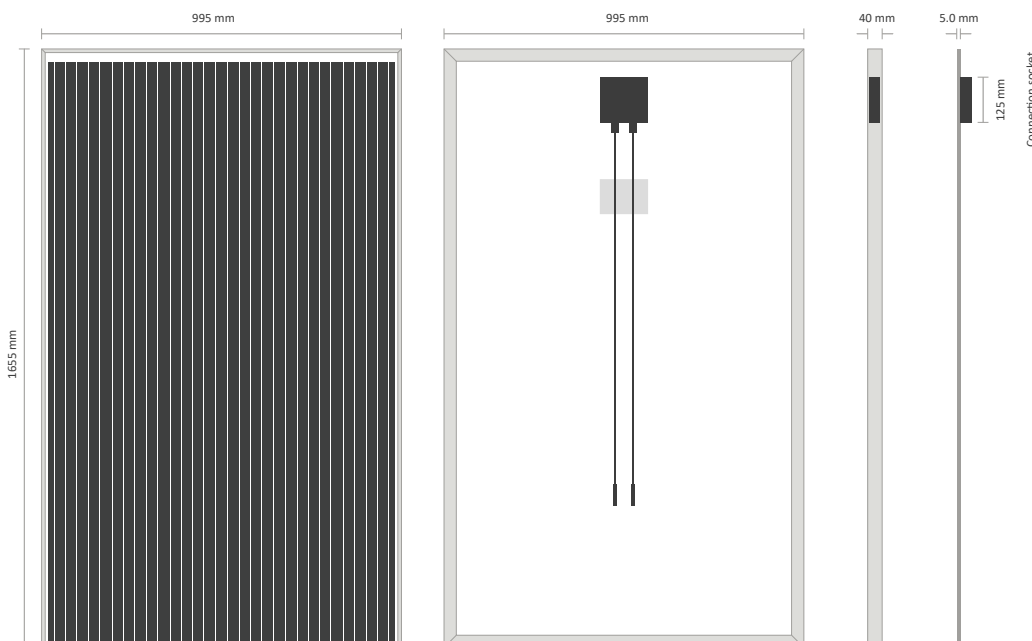
		AX M-60 320	AX M-60 325	AX M-60 330
Rated power	P_{MPP} [Wattpeak]	320 Wp	325 Wp	330 Wp
Rated voltage	U_{MPP} [Volt]	34.15 V	34.57 V	34.92 V
Rated current	I_{MPP} [Ampere]	9.37 A	9.40 A	9.45 A
No-load voltage	U_{OC} [Volt]	42.01 V	42.53 V	42.95 V
Short-circuit current	I_{SC} [Ampere]	10.02 A	10.05 A	10.10 A
Efficiency	η	19.43 %	19.74 %	20.04 %

Electrical behaviour under NOCT**

Rated power NOCT	P_{NOCT} [Wattpeak]	232 Wp	236 Wp	239 Wp
Rated voltage	U_{MPP} [Volt]	30.56 V	30.94 V	31.24 V
Rated current	I_{MPP} [Ampere]	7.58 A	7.61 A	7.65 A
No-load voltage	U_{OC} [Volt]	38.19 V	38.66 V	39.05 V
Short-circuit current	I_{SC} [Ampere]	8.11 A	8.13 A	8.18 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]	$Tk I_{SC} = 0.06 \% / K$



take away
for an easy way



Sales partner AxSun Solar

100%
MADE IN
GERMANY

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Subject to error and technical modifications