

AX M-60 3.2 premium black HIGHPOWER

Awesome look with
AxSun premium black

- ▶ Plus sorting for extra yield
- ▶ PID free
- ▶ 100% EL tested
- ▶ 100% Made in Germany

premium
HIGHPOWER

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

reliable . powerful . attractive
passionate . honest . empathic



- ▶ 15 years product guarantee
- ▶ 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
- ▶ 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)	1655 x 995 x 40 mm
Weight	18 kg
Cells	60 monocrystalline solar cells (156x156 mm)
Glass	3.2 mm hardened safety glass, optional with anti-reflection coating
Frame	Anodised aluminium section with hollow chamber and drainage holes, black anodised
Bypass diodes	3 pieces (SMD diodes with cooling plate)
Connection socket	Connecting socket plastic, IP67 type of protection, optional with embedded SolarEdge power optimizer
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 <small>(with third mounting rail, please follow installation instructions)</small>	7200 Pascal
Max. pressure load	5400 Pascal
Max. dynamic load	2400 Pascal
Application class <small>(acc. to IEC 61730)</small>	A
Fire class <small>(acc. to IEC 61730)</small>	C
Protection class	II
Laminate	Dimensions 1648 x 988 x 5 mm, Weight 16.9 kg

Electrical data under standard test conditions *

		AX M-60 305	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	η	18.52 %	18.83 %	19.13 %

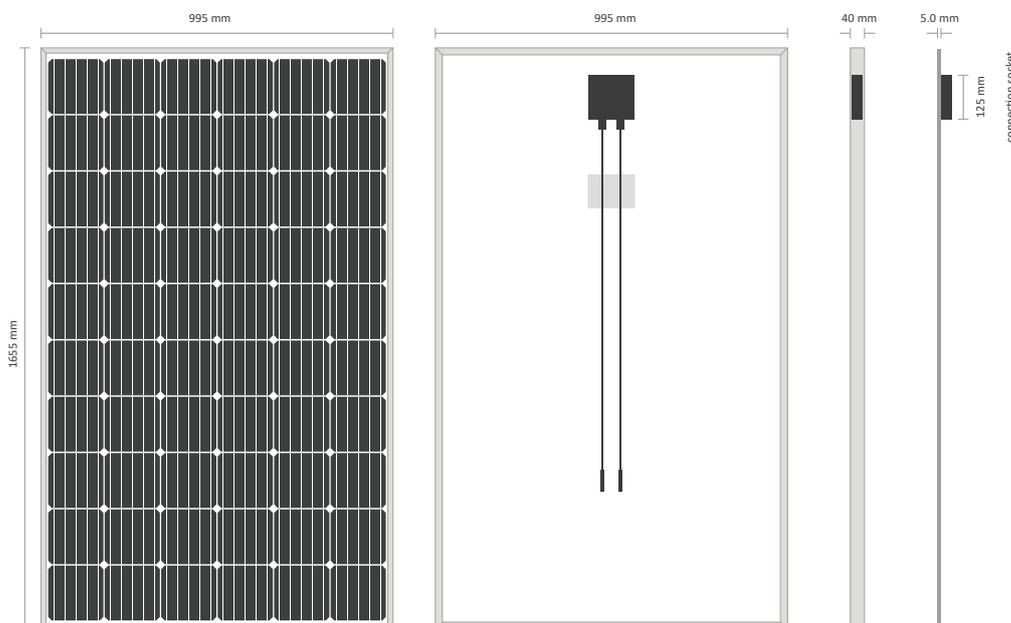
Electrical behaviour under NOCT**

		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]	$Tk I_{SC} = 0.07 \%/K$

premium
HIGHPOWER



take way
for an easy way



Sales partner AxSun Solar

100%
MADE IN
GERMANY