

# AX M-60 3.2 premium black

Awesome look with  
AxSun premium black

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

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

reliable . powerful . attractive  
passionate . honest . empathic



- ▶ **15 years product guarantee**  
on products with tempered safety solar glass
- ▶ 12 years product guarantee on premium products  
with ARC tempered safety solar glass  
(anti-reflection coating)
- ▶ **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%

**AxSun.de**

# AX M-60<sup>3.2</sup> premium black

www.axsun.de

## 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
Connection socket	Connecting socket plastic, IP65 type of protection, optional with embedded Solaredge power optimizer
Cable, plug	4mm <sup>2</sup> 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 <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 \*

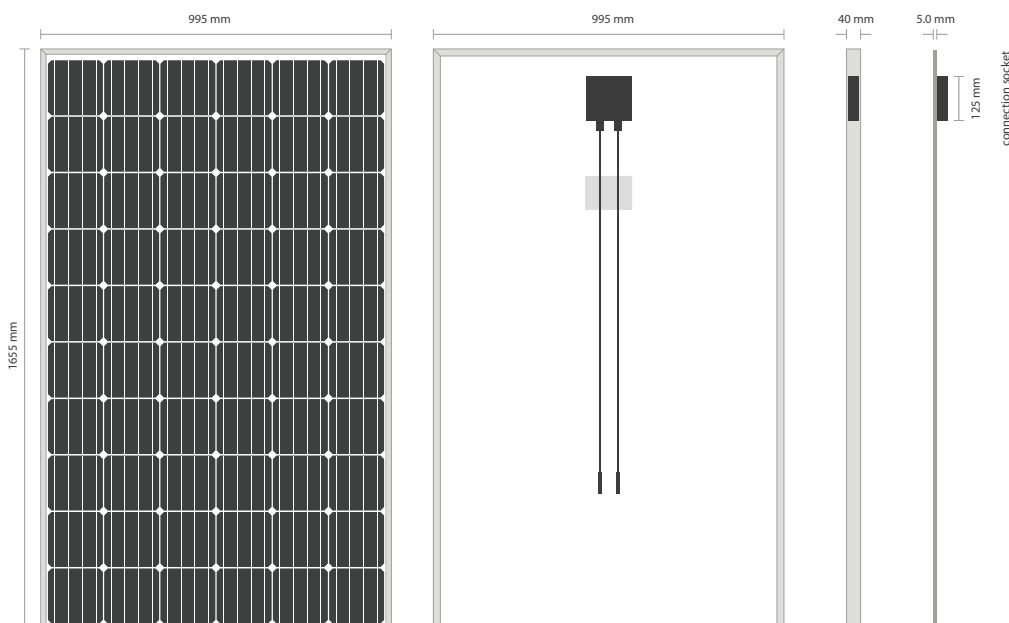
		AX M-60 275	AX M-60 280	AX M-60 285
Rated power	$P_{MPP}$ [Wattpeak]	275 Wp	280 Wp	285 Wp
Rated voltage	$U_{MPP}$ [Volt]	31.94 V	32.18 V	32.06 V
Rated current	$I_{MPP}$ [Ampere]	8.61 A	8.70 A	8.89 A
No-load voltage	$U_{OC}$ [Volt]	39.29 V	39.59 V	39.43 V
Short-circuit current	$I_{SC}$ [Ampere]	9.20 A	9.30 A	9.50 A
Efficiency	$\eta$	16.70 %	17.00 %	17.31 %

## Electrical behaviour under NOCT\*\*

Rated power NOCT	$P_{NOCT}$ [Wattpeak]	199 Wp	203 Wp	207 Wp
Rated voltage	$U_{MPP}$ [Volt]	28.58 V	28.80 V	28.68 V
Rated current	$I_{MPP}$ [Ampere]	6.97 A	7.04 A	7.19 A
No-load voltage	$U_{OC}$ [Volt]	35.71 V	35.99 V	35.85 V
Short-circuit current	$I_{SC}$ [Ampere]	7.45 A	7.53 A	7.69 A

## Temperature coefficient (in case of temperature change)

Power	$P_{MPP}$ [Wattpeak]	$Tk P_{MPP} = -0.42 \% / K$
Voltage	$U_{OC}$ [Volt]	$Tk U_{OC} = -0.32 \% / K$
Current	$I_{SC}$ [Ampere]	$Tk I_{SC} = 0.043 \% / K$



take way  
for an easy way



Sales partner AxSun Solar

100%  
MADE IN  
GERMANY