

# 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**  
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 HIGHPOWER

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-60 300	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	$\eta$	18.22 %	18.52 %	18.83 %

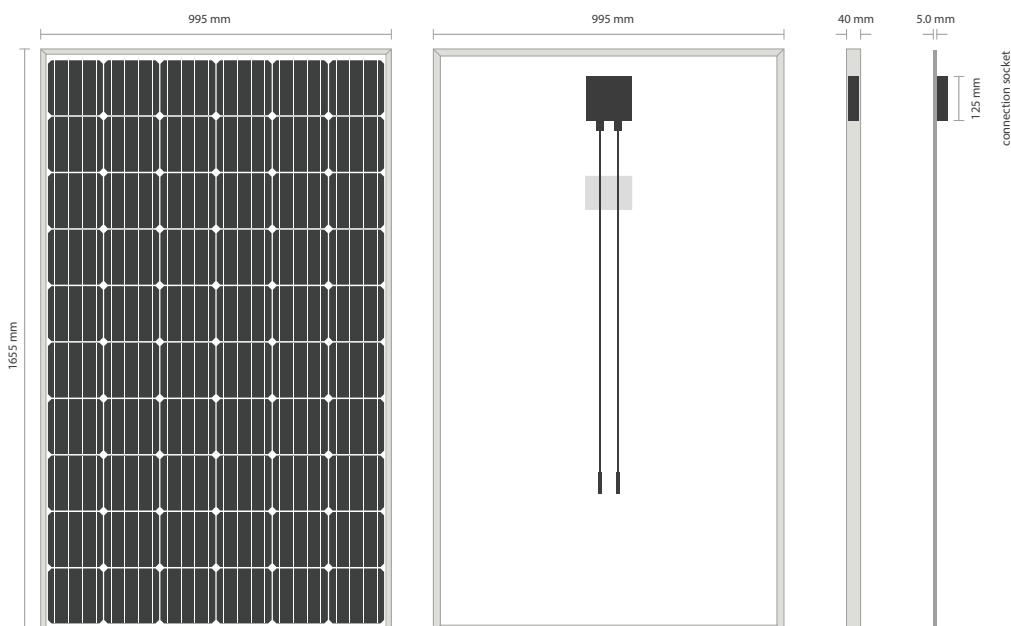
### Electrical behaviour under NOCT\*\*

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

premium  
HIGHPOWER



take way  
for an easy way



Sales partner AxSun Solar

100%  
MADE IN  
GERMANY