

AX M-36 3.2 premium

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

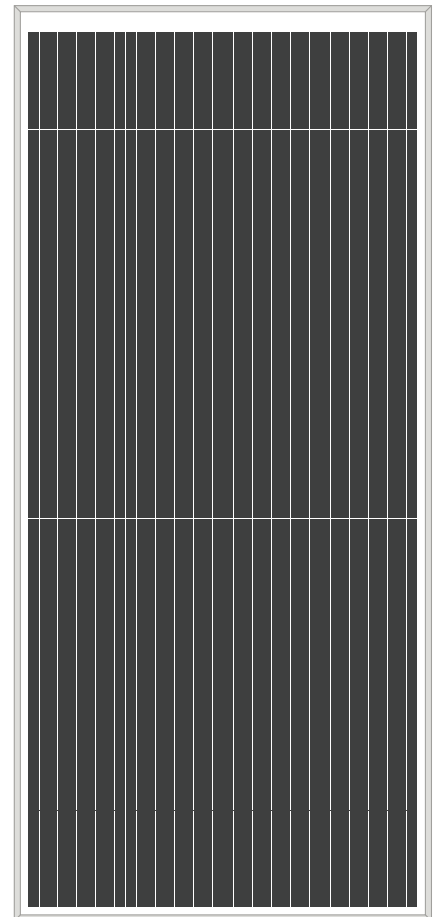
reliable . powerful . attractive

Our premium high efficiency photovoltaic module AX M-36 with 3.2 mm hardened safety solar glass.

With 36 solar cells and small design - therefore excellently suitable also for unusual locations.

- ▶ Slim, compact design
- ▶ Suited for off-grid or mobile use
- ▶ PID free
- ▶ EL tested

MADE IN
GERMANY



**premium
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



AX M-36^{3.2} premium

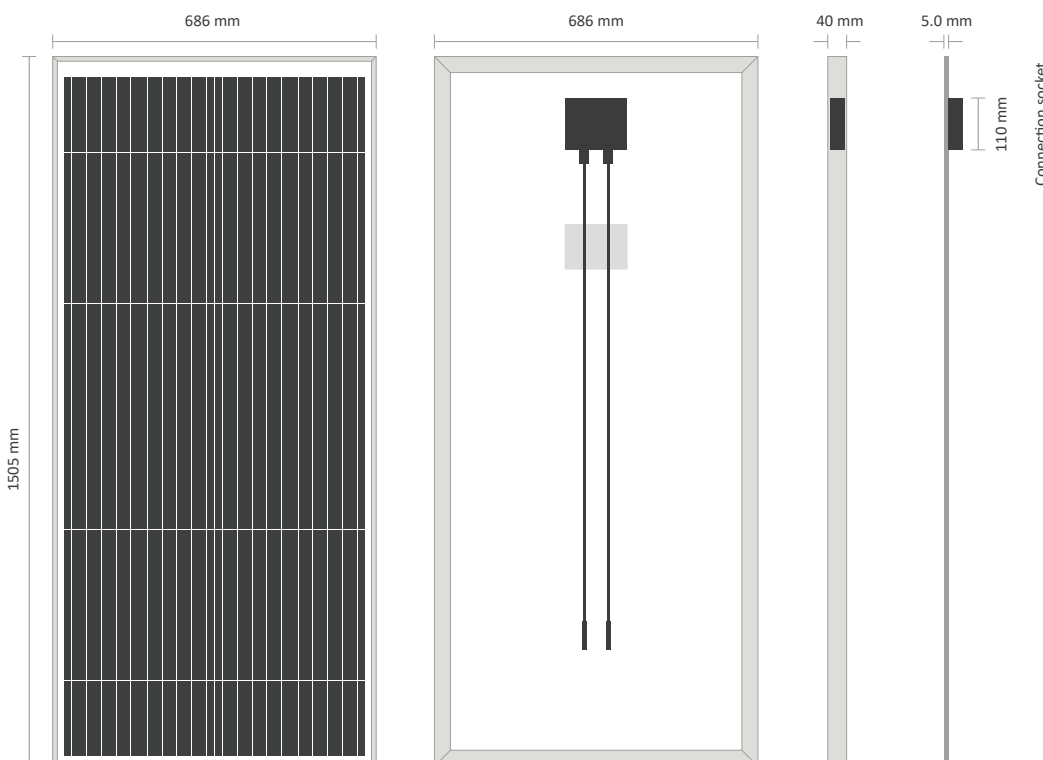
www.axsun.de

Basic data	
Dimensions (LxWxH)	1505 x 686 x 40 mm
Weight	11.2 kg
Cells	36 monocrystalline solar cells (159x159 mm)
Glass	3.2 mm hardened safety glass
Frame	Anodised aluminium section with hollow chamber and drainage holes, black or silver anodised
Bypass diodes	2 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 to 85°C
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 1499 x 680 x 5 mm, Weight 9.5 kg

Electrical data under standard test conditions *		AX M-36 190	AX M-36 195	AX M-36 200
Rated power	P_{MPP} [Wattpeak]	190 Wp	195 Wp	200 Wp
Rated voltage	U_{MPP} [Volt]	20.28 V	20.74 V	21.16 V
Rated current	I_{MPP} [Ampere]	9.37 A	9.40 A	9.45 A
No-load voltage	U_{OC} [Volt]	24.94 V	25.52 V	26.03 V
Short-circuit current	I_{SC} [Ampere]	10.02 A	10.05 A	10.10 A
Efficiency	η	18.40 %	18.89 %	19.37 %

Electrical behaviour under NOCT**		AX M-36 190	AX M-36 195	AX M-36 200
Rated power NOCT	P_{NOCT} [Wattpeak]	138 Wp	141 Wp	145 Wp
Rated voltage	U_{MPP} [Volt]	18.14 V	18.56 V	18.94 V
Rated current	I_{MPP} [Ampere]	7.58 A	7.61 A	7.65 A
No-load voltage	U_{OC} [Volt]	22.67 V	23.20 V	23.67 V
Short-circuit current	I_{SC} [Ampere]	8.11 A	8.13 A	8.18 A

Temperature coefficient (in case of temperature change)		AX M-36 190	AX M-36 195	AX M-36 200
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 way
for an easy way



Sales partner AxSun Solar

MADE IN GERMANY

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