

AX M-54 3.2

premium sol
HIGHPOWER

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

**reliable . powerful . attractive
passionate . honest . empathic**

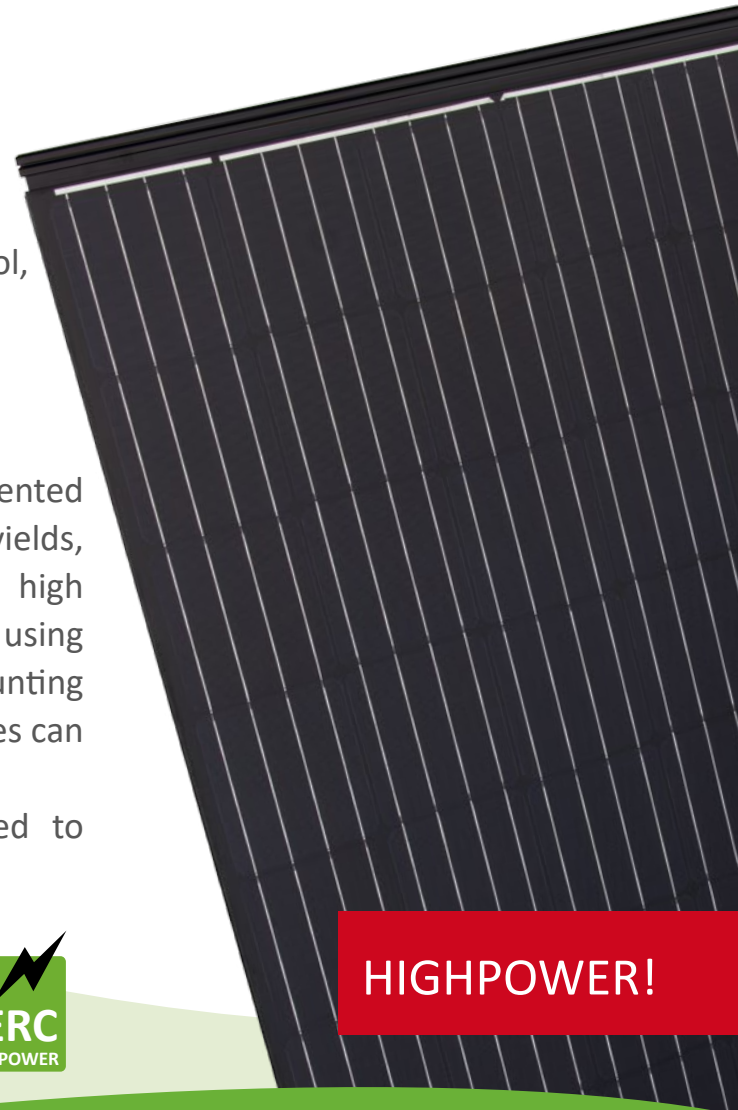
BIPV

monocrystalline solar module AX M-54 premium sol,
developed for the perfect building integration

SOLRIF®

Solrif has become the market leader with their patented BIPV-System and is well-established due to high yields, functional aesthetics and simple installation. A high efficiency solar roof tile has been developed using PV laminates from AxSun and the Solrif BIPV mounting system from Schweizer. Thus, conventional roof tiles can be totally replaced on a pitched roof.

Our BIPV-System is a real integration compared to roof-mounted PV systems.



- ▶ 15 year product guarantee on products with tempered safety solar glass
- ▶ 12 year 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



AX M-54^{3.2}

premium sol HIGHPOWER

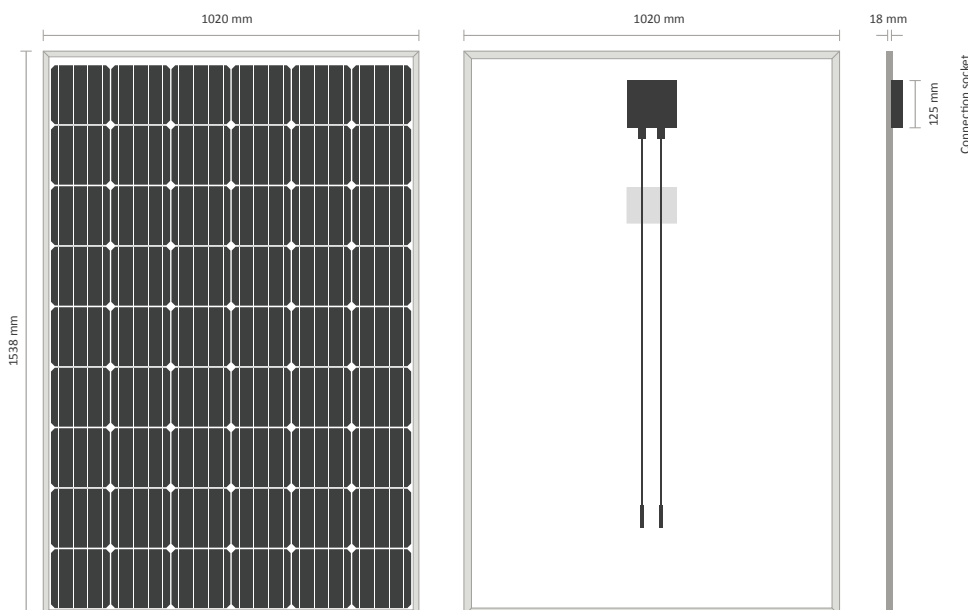
www.axsun.de

Basic data	Sol-Laminate
Dimensions (Length x Width x Height)	1538 x 1020 x 18 mm
Dimensions (Installation) (Length x Width x Height)	1520 x 988 x 18 mm
Weight	15.6 kg
Cells	54 monocrystalline Solarzellen (156x156 mm)
Glass	3.2 mm hardened solar glas
Frame	SOLRIF® frame
Bypass-diodes	3 pieces
Connecting socket	plastic, IP65 type of protection
Cable, Plug	4mm ² solar cable, 1000 mm long, high-quality plug system, KSK4 (MC4)
Max. Voltage	1000 V
Max. return current	15 A
Temperature range	-40°C to 85°C
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

Electrical data under standard test conditions *		AX M-54 270	AX M-54 275
Rated power	P_{MPP} [Wattpeak]	270 Wp	275 Wp
Rated voltage	U_{MPP} [Volt]	29.32 V	29.57 V
Rated current	I_{MPP} [Ampere]	9.21 A	9.30 A
No-load voltage	U_{OC} [Volt]	36.06 V	36.37 V
Short-circuit current	I_{SC} [Ampere]	9.85 A	9.93 A
Efficiency	η	17.21 %	17.53 %

Electrical behaviour under NOCT**			
Rated power NOCT	P_{NOCT} [Wattpeak]	196 Wp	199 Wp
Rated voltage	U_{MPP} [Volt]	26.23 V	26.46 V
Rated current	I_{MPP} [Ampere]	7.45 A	7.52 A
No-load voltage	U_{OC} [Volt]	32.78 V	33.06 V
Short-circuit current	I_{SC} [Ampere]	7.97 A	8.04 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]	$Tk I_{SC} = 0.07 \%/K$



take way
for an easy way



Sales partner AxSun Solar

100%
MADE IN
GERMANY