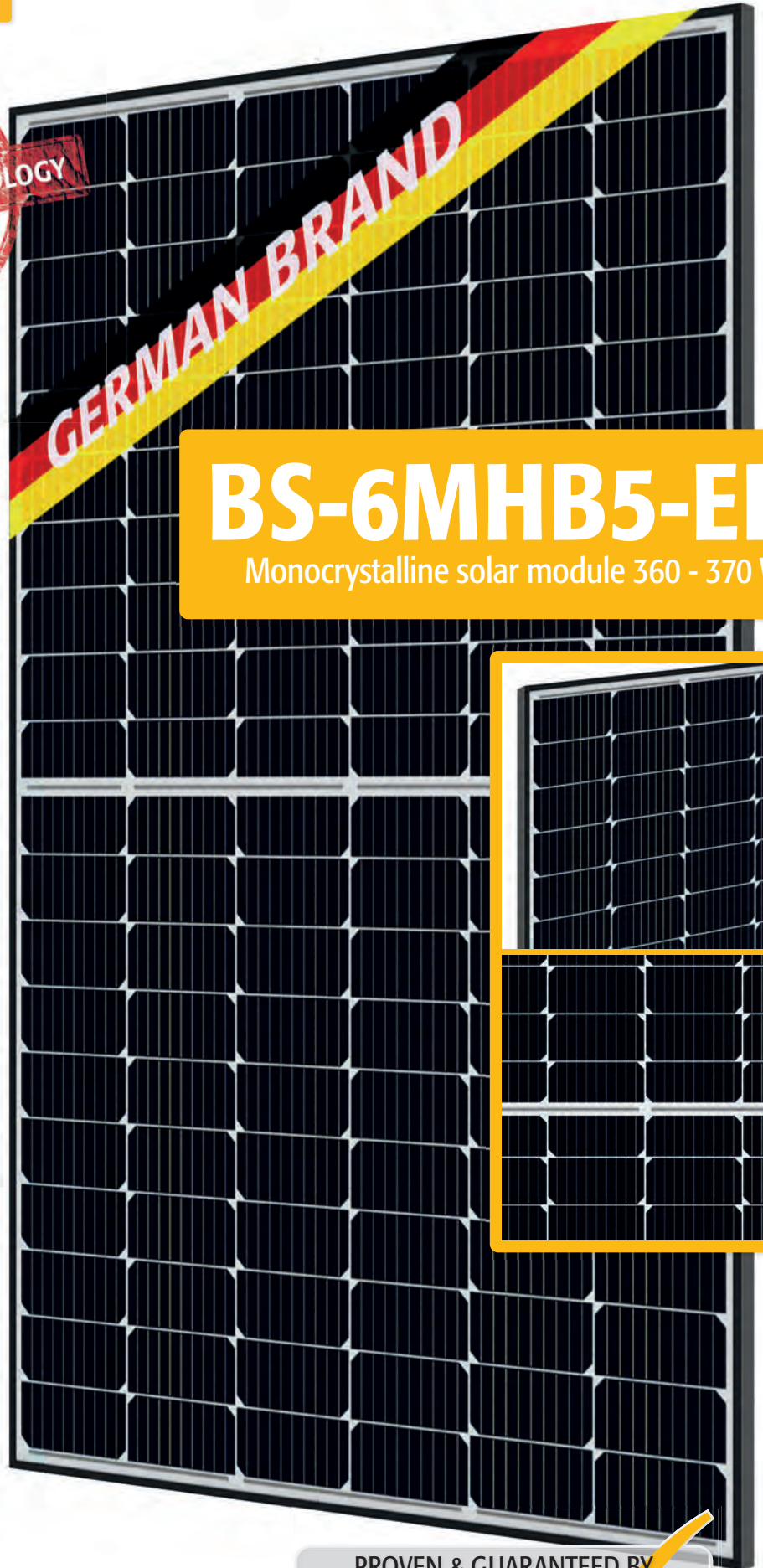


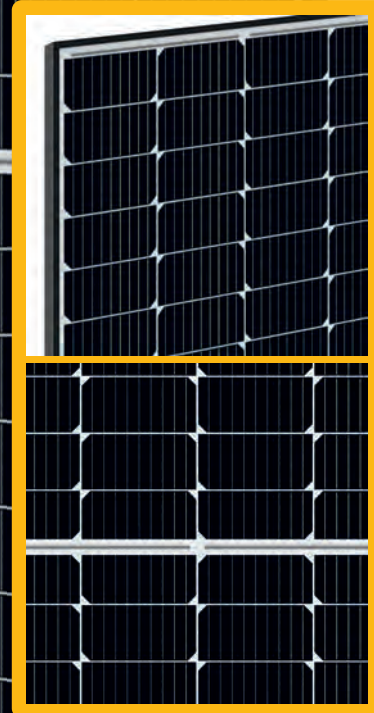
# BAUER

## Solartechnik GmbH



# BS-6MHB5-EL

Monocrystalline solar module 360 - 370 W



### PERFORMANCE GUARANTEE

20 years product warranty and a linear performance guarantee over a period of 25 years



### CERTIFICATION

Permanent in-house quality control, multiple certifications by accredited inspection bodies



### EFFICIENCY

High efficiency for optimum yield - innovations directly influence the production process



### POSITIVE POWER TOLERANCE

Exclusive delivery of solar modules with positive power tolerance only



### PERC HALF-CELL TECHNOLOGY

Double the amount of cells on the same surface area reduces power loss in case of e.g. shadowing



### WEATHERPROOF

Standardized mechanical load test guards against damage from wind and weather



### GERMAN GUARANTOR

In case of need it is ensured that a German company assumes the claim settlement



### SAFETY

High-quality components ensure maximum protection in all weather conditions



### PID TEST

The solar cells of our high performance modules are tested for PID



### REINSURANCE COVERAGE

The cooperation with MunichRe is guaranteeing BAUER even higher levels of financial stability & reliability - BAUER is insured for 12 years of the product's warranty and 25 years of the product's performance guarantee



PROVEN & GUARANTEED BY  
**BAUER SOLARTECHNIK**

HIGH QUALITY STANDARDS BY GERMAN ENGINEERS

## Mechanical Data

Cell type	monocrystalline / PERC half-cells
Cell formation	12 x 10 (120)
Module dimensions	1755 x 1035 x 35 mm
Weight	19,5 kg
Front cover	tempered glass, 3,2 mm
Frame material	anodized aluminium alloy
Module back	TPT foil
Embedding material	EVA
Connection	junction box $\geq$ IP 67
Number of diodes	3 x 2 bypass diodes
Cabel / connector	4 mm <sup>2</sup> , 1300 mm, MC4-compatible

## Temperature coefficients

Nom. operating cell temp. (NOCT)	45°C $\pm$ 2
Temperature coefficient of $I_{sc}$	+0,048 %/K
Temperature coefficient of $V_{oc}$	-0,270 %/K
Temperature coefficient of $P_{mpp}$	-0,350 %/K

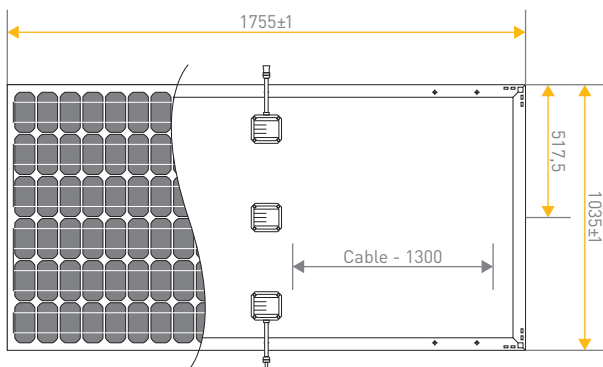
## Operational conditions

Maximum system voltage	1500 V DC (TÜV)
Operating temperatur	-40 bis 85°C
Maximum series fuse rating	20 A
Static load (snow/wind)	5400 Pa
Hail	$\varnothing$ 25 mm bei 23 m/s

## Electrical data<sup>1</sup>

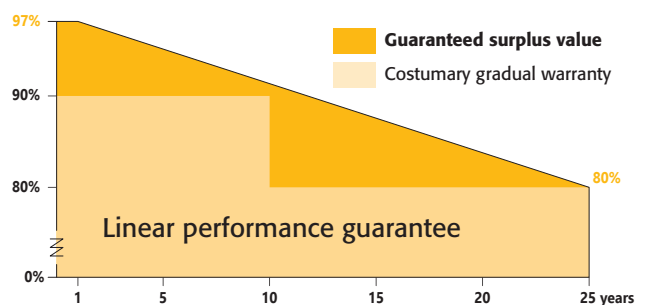
	BS-360-6MHB5-EL	BS-365-6MHB5-EL	BS-370-6MHB5-EL
Nominal maximum power $P_{max}$ (W <sub>p</sub> )	360 W	365 W	370 W
Power output tolerance $P_{max}$ (%)	0 ~ +3	0 ~ +3	0 ~ +3
Optimum operating voltage $V_{mpp}$ (V)	34,00	34,20	34,40
Optimum operating current $I_{mpp}$ (A)	10,59	10,68	10,76
Short circuit current $I_{sc}$ (A)	11,35	11,43	11,52
Open circuit voltage $V_{oc}$ (V)	40,50	40,70	40,90
Module efficiency $\eta_m$ (%)	19,76	20,04	20,31

## Dimensions



## Warranty conditions<sup>2</sup>

Product warranty	20 years
Performance guarantee	25 years (min. 80% after 25 years)



## Packaging units

Modules per pallet	30 pcs
Modules per truck	780 pcs

## Qualification & certification

IEC 61215  
IEC 61730



<sup>1</sup>Values under Standard Test Conditions (STC): air mass 1,5 AM, irradiance 1000 W/m<sup>2</sup>, cell temperature 25°C. STC measuring tolerance:  $\pm$ 3 % ( $P_{max}$ ),  $\pm$ 10 % ( $V_{max}$ ,  $I_{mpp}$ ,  $V_{oc}$ ,  $I_{sc}$ ). <sup>2</sup>Nominal value is specified in the written warranty conditions. A possible light-induced degradation in power is not taken into account. The beneficiary under the reinsurance policy of MunichRe is solely Bauer Energiekonzepte GmbH. Please contact us to get information on how this insurance coverage benefits you as a customer. Note: Please read safety instructions and installation manual before using this product. Subject to change. © 2019 Bauer Energiekonzepte GmbH. Effective 20th of august 2020.



Distribution:

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