

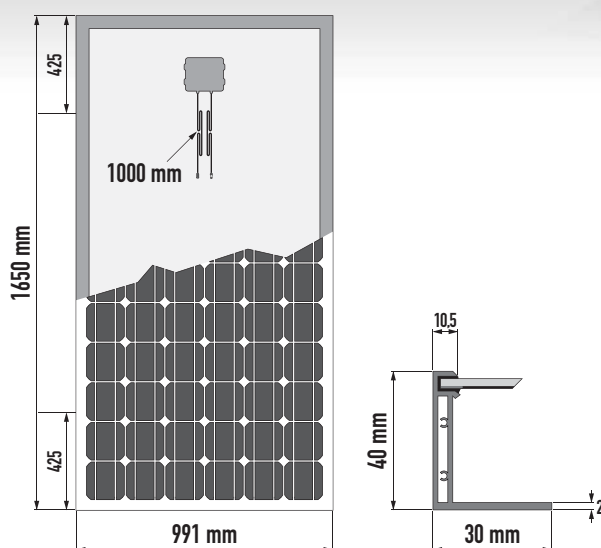
**DELIVERY SOLELY WITH POSITIVE  
POWER OUTPUT TOLERANCE!**

# BAUER BS 6MB15

## 240 W - 250 W



### Monocrystalline solar module



#### Dimensions

Length	1650 mm
Width	991 mm
Height	40 mm
Weight	19,5 kg

#### Performance data

- positive power output tolerance +3/-0 %
- min. 90% output over a 10-year period
- min. 80% output over a 25-year period
- 10 years product guarantee

### Test parameters (excerpt)

- Simulation of temperature cycles (200 cycles ranging from -40°C to +85°C)
- Vapour heat test in the climatic chamber (1.000 hours at 85°C and 85% relative humidity)
- Front and back panel load test (simulated wind load of 5.400 Pa, equivalent to 5.400 N/m<sup>2</sup> or 550 kg/m<sup>2</sup>)
- Simulated impact of hailstones (25 mm in diameter at 23 m/s from a distance of one meter)

### Technical specifications

Frame	Black, torsionally rigid aluminium alloy mounting frame
Cells	60 monocrystalline cells (156 mm x 156 mm) connected in series
Connectors	Double insulated, UV-resistant 4 mm <sup>2</sup> cable with weatherproof solar plugs
Diodes	3 bypass diodes protecting the module when in shade
Assembly	Front: highly translucent, toughened glass Back: black TPT film, embedding material: EVA

Electrical characteristics	BS-240-6MB15	BS-245-6MB15	BS-250-6MB15
Nominal power P (Wp)	240	245	250
Voltage at Pmax Vmp (V)	30,80	31,02	31,21
Current at Pmax Imp (A)	7,79	7,90	8,01
Short-circuit current Isc (A)	8,47	8,51	8,55
Open-circuit voltage Voc (V)	37,79	38,06	38,22
Efficiency (η)	14,7%	15,0%	15,3%
Max. system voltage V (V)	1.000		
Temperature coefficient of Isc	+0,049 %/K		
Temperature coefficient of Uoc	-0,34 %/K		
Test condition (STC)	1.000 W/m <sup>2</sup> , 25°C, AM 1,5		
NOCT	47°C ± 2°C		
Reverse current overload (A)	15		

### Qualifications and certificates

- IEC 61215
- IEC 61730



## BAUER BS 6MB15



Monocrystalline module (detail view)



**BAUER**  
Solartechnik GmbH

Hinter der Mühl 2  
55278 Selzen | Germany

Tel. +49 (0) 6737 - 80 81-0  
Fax +49 (0) 6737 - 80 81-10

info@bauer-solartechnik.de  
www.bauer-solartechnik.de



www.ecovolt.ro

ECOVOLT Romania

Str: Petresti nr:17  
510184 Alba Iulia  
Tel: +40 735 959 619