

**Performance • Reliability**  
**240W/60-156m/2**

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**Cost Effective:** Optimum Price-Performance Balance

***Made in Germany***

Built to German automotive industry's highest quality standards

Guaranteed high energy yields – high efficiency cells, max power tolerance of 2,5% and optimum edge distances

Durable and reliable – 25-years performance warranty\*

\* under special conditions of asola GmbH

**Reliable Construction:**

State of the art, crystalline high efficiency cells 156 mm

Encapsulation materials – made by world wide market leader

Metallic junction boxes for highest security and excellent cooling of by-pass diodes

Best of class cables and plug system

50 mm aluminum frame for mechanical load of 5.400 Pa  
acc. IEC 61215 / UL 1703

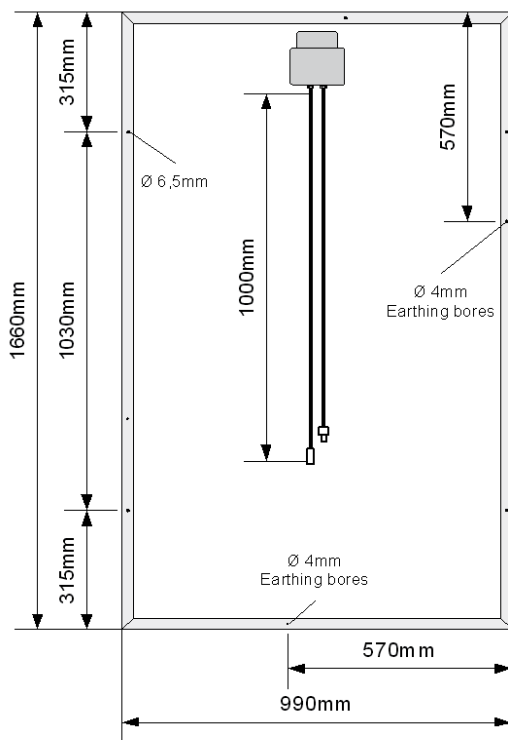
**Quality Beyond Industry Standards**

We exceed industry test standards by a factor of 2 to 3.

Available from your specialist dealer:

## Technical data\*

# 240 W/60-156 m/2



## Module technology

Glass foil laminate with 60 single crystalline <b>high efficiency solar cells "6"+</b>
weight 23 kg
Low iron, <b>tempered, safety solar glass</b>
Encapsulation with UV stable, super transparent ethylene vinyl acetate
<b>Certified Junction box: asola AL</b>
<b>Cable/ plug: MC4 4 mm<sup>2</sup></b> , alternative offers on request
Special anodized aluminum frame, 50 mm screwed for max. <b>Mechanical load 5400 Pascal</b>
<b>Certified according to DIN IEC 61215 and IEC 61730</b>

Output class ** (W)	235	240	245	250
Open-circuit voltage $U_{OC}$ (V)	36,98	37,17	37,44	37,80
Rated voltage $U_{MPP}$ (V)	30,92	31,17	31,20	31,20
Short-circuit current $I_{SC}$ (A)	8,17	8,28	8,45	8,55
Rated current $I_{MPP}$ (A)	7,62	7,75	7,90	8,10
tolerances	+ 5 W + 2,1%	+ 5 W + 2,1%	+ 5 W + 2,0%	+ 5 W + 2,0%

### Partial load at 300w/m<sup>2</sup>

Open-circuit voltage $U_{OC}$ (V)	34,92	35,10	35,35	35,69
Rated voltage $U_{MPP}$ (V)	29,51	30,79	30,82	30,82
Short-circuit current $I_{SC}$ (A)	2,45	2,48	2,54	2,57
Rated current $I_{MPP}$ (A)	2,29	2,33	2,37	2,43

### Temperature coefficients

$P_M = -0,48\%/K$	$V_{OC} = -0,36\%/K$	$I_{SC} = +0,034\%/K$
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\* Typical data

\*\*The calibration laboratories are securing an absolute accuracy of  $\pm 2\%$  for asola's calibration modules