

asola - Advanced and Automotive  
Solar Systems GmbH

Konrad-Zuse-Straße 25

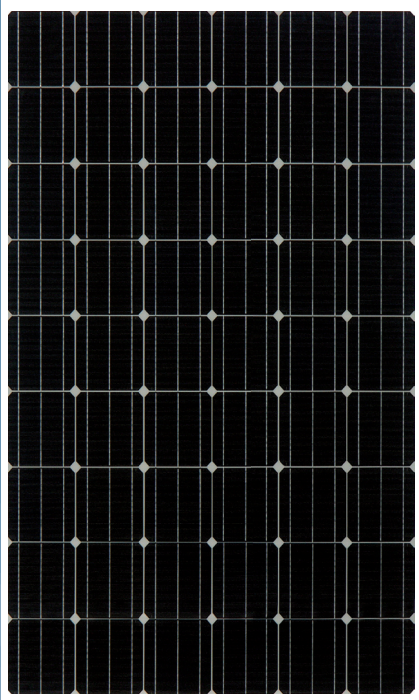
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**Performance • Reliability**

**250 W/60 -156 m / 2**

Now! 10 - years product warranty

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

***Made in Germany***

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

25-years performance warranty

10-years product warranty

**Reliable Construction:**

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

**Quality Beyond Industry Standard**

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

FROST & SULLIVAN

2009  
BEST  
PRACTICES  
AWARD

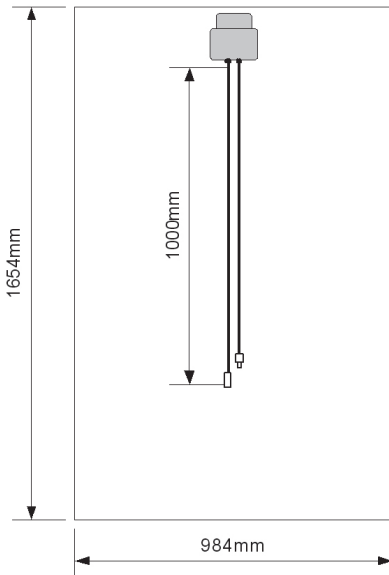
World Advanced Mobile Solar Technology  
Growth Leadership Award

Winner of the  
Frost & Sullivan-Award 2009

Available from your specialist dealer:

**Technical data\***

**250 W/60 -156 m / 2**



## Module Technology

Glass- Foil- Laminate with 60 mono-crystalline <b>high-performance solar cells 6" +</b>
Weight 20 kg
Low-iron <b>tempered, safety solar glass</b>
Encapsulated with UV-stable, super transparent ethylene vinyl acetate
<b>Certified junction box: asola</b>
<b>Plugs: MC4 or MC4 compatible</b> (alternatives offers on request)
<b>Certified according to DIN IEC 61215 and IEC 61730</b>

Output class ** [W]	250	
Open circuit voltage $U_{OC}$ [V]	37,80	
Nominal current $U_{MPP}$ (V)	31,20	
Short circuit current $I_{SC}$ (A)	8,55	
Nominal current $I_{MPP}$ (A)	8,10	
Tolerances	+/- 5 W	+/- 2,0 %
Max. permitted system voltage	1.000 V DC	

### Temperature coefficient

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

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

Open circuit voltage $U_{OC}$ (V)	35,69
Rated voltage $U_{MPP}$ (V)	30,82
Short-circuit current $I_{SC}$ (A)	2,57
Rated current $I_{MPP}$ (A)	2,43

\* Typical data

\*\* The calibration laboratories are securing an absolute accuracy of  $\pm 3 \%$  for the asola's calibration modules.