

bright  
prospects.

# SCN - 170/X - 72M\*

## Technical data

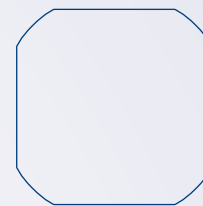
- TÜV/UL/ULC certified
- monocrystalline
- up to 14,5 % efficiency factor
- 25 years performance guarantee\*\*
- 5 years product guarantee

\* powered by Jiangsu Shunda PV-Tech Co., Ltd

\*\* 25 years on 80% of the output according to flash-report.

# SCN - 170/X - 72M

## Technical data



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### Electronical data

Maximum Power ( $\pm 3\%$ ) (Wp)	155	160	165	170	175	180	185	190
Max. Power Voltage (V)	34,6	34,9	35,6	35,8	36,2	36,8	37,5	37,7
Max. Power Current (A)	4,48	4,60	4,65	4,76	4,85	4,90	4,95	5,04
Open Circuit Voltage (V)	44,0	44,3	44,4	44,5	44,7	44,8	44,9	45,1
Short Circuit Current (A)	5,0	5,05	5,10	5,15	5,20	5,25	5,30	5,35
Max. System Voltage (V)	DC1000V (TUV) DC600V (UL)							
Module Efficiency (%)	12,1	12,5	12,9	13,3	13,7	14,1	14,5	14,9
STC Standard test conditions Irradiance: 1000 W / m <sup>2</sup> AM: 1.5 Temperature: 25°C								

### Performance guarantee:

Certified in acc. with: IEC 61215

5 years product guarantee. 12 years on 90% and 25 years on 80% of the output according to flash-report.

### Mechanical data

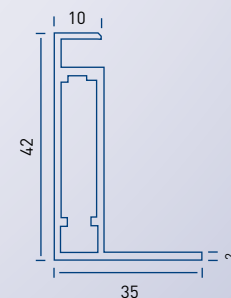
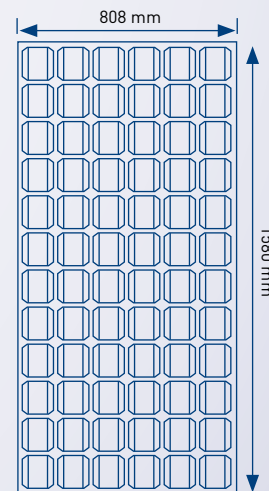
Length	1580 mm
Width	808 mm
Height	42 mm
Weight	15 kg
Cable	900/900 mm (Ø4 mm <sup>2</sup> )
Glass	3,2 mm Tempered glass
Foil	EVA
Reverse side	TPT/TPE
Frame	Anodized aluminium alloy
Cell	72 units (size 125 x 125 mm)

### Temperature coefficients

$\alpha_{Pm}$	- 0,48 % / °C
$\alpha_{Isc}$	+ 0.038 % / °C
$\alpha_{Uoc}$	- 0.34 % / °C

### Working ranges

Temperature	- 40 °C to + 85 °C
Hail stones	up to 28 mm grain size and 80 km / h
Maximum load	200 kg / m <sup>2</sup> (2400 Pa, in acc. with IEC 61215)



Module data as per: 29<sup>th</sup> July 2009

Indemnity: errors, content-, meaning- and printing errors excepted! The manufacturer reserves the right to make technical amendments in line with further developments!

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- Periodic inspection
- Qualified, IEC 61215

