

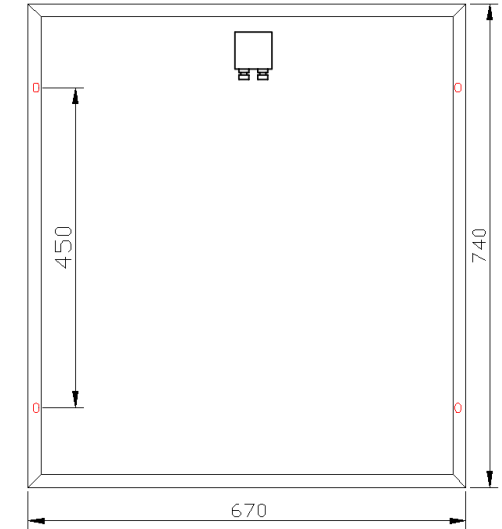
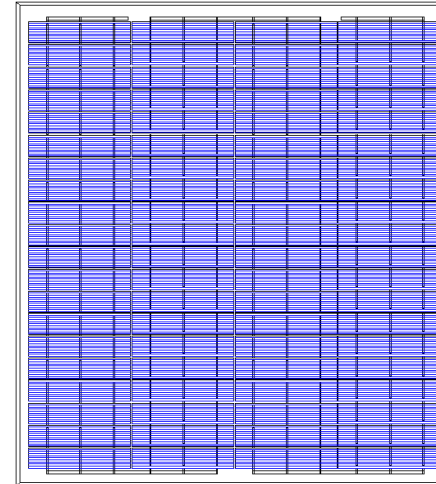
# TECHNICAL DATA SHEET

SP636-70W



## Technical Data

Type	SP636-70W
Type of Solar Cell	Poly-crystalline, 156mm × 156mm
Number of Cells	36 pcs
Size of module	740 × 670 × 35mm ( 156 × 74mm cell)
Module, Weight	5.4 kg
Connector / Cross-Section	Junction Box
Cables, Length (+/-)	Customizable
Front Cover Glass	Safety Glass
Front Cover Glass, Thickness	3.2 mm
Frame	Anodized Aluminium



## Electrical Data

Maximum Power	$P_{MPP\ STC}$	70 W
Power Tolerance	$\Delta_{STC}$	±2%
Maximum Power Voltage	$U_{MPP\ STC}$	18.2 V
Maximum Power Current	$I_{MPP\ STC}$	3.85 A
Open Circuit Voltage	$U_{OC\ STC}$	22.0 V
Short Circuit Current	$I_{SC\ STC}$	4.24 A
Cell Efficiency	$\eta_{STC}$	17.4%
Maximum System Voltage	$U_{DC}$	1000 V

STC: Irradiance 1000 W/m<sup>2</sup>; Spectrum AM 1.5; Cell Temperature 25°C, Wind 0 m/s

## Temperature Coefficients

Power Coefficient	$\alpha_k (P_{MPP})$	-0.50 ± 0.05%/K
Voltage Coefficient	$\beta_k (U_{OC})$	-0.35 ± 0.01%/K
Current Coefficient	$\Phi_k (I_{SC})$	0.065 ± 0.015%/K

## Power Warranty

10 years performance warranty to 90 %

25 years performance warranty to 80 %

5 years warranty against production and material defects

## Certifications

IEC 61215, IEC 61730 ,TUV, CE, ISO9001:2000

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