

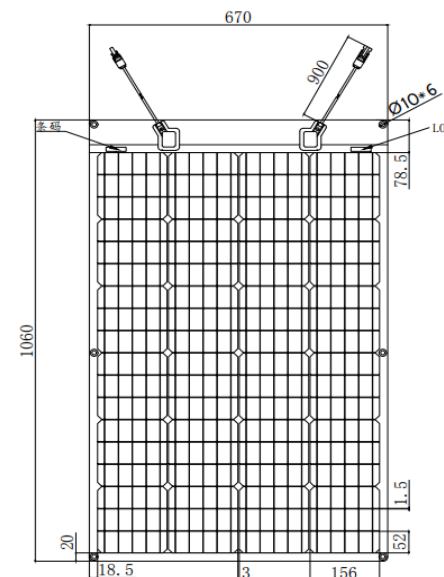
# TECHNICAL DATASHEET

## VSM672-110



### Technical Data

Type	VSM672-110
Type of Solar Cell	Mono-crystalline, 156m*156mm
Number of Cells	72 pcs
Size of module	1060×670×5mm (156×52mm cell)
Module Weight	5.7 kg
Connector	Junction Box
Cables Length (+/-)	Customizable
Anterior covering membrane	ETFE / POLISH PET



### Electrical Data

Maximum Power	$P_{MPP\ STC}$	110W
Power Tolerance	$\pm_{STC}$	+ 3%
Maximum Power Voltage	$V_{MPP\ STC}$	18.4 V
Maximum Power Current	$I_{MPP\ STC}$	5.98A
Open Circuit Voltage	$V_{OC\ STC}$	22.68V
Short Circuit Current	$I_{SC\ STC}$	6.22A
Cell Efficiency	$\eta_{STC}$	19.5%
Maximum System Voltage	$V_{DC}$	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	$\%_k \& P_{MPP}'$	0.50" 0.05%/K
Voltage Coefficient	$\beta_k \& V_{oc}'$	0.35" 0.01%/K
Current Coefficient	$k \& I_{sc}'$	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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