

TECHNICAL DATASHEET

VSM672-120



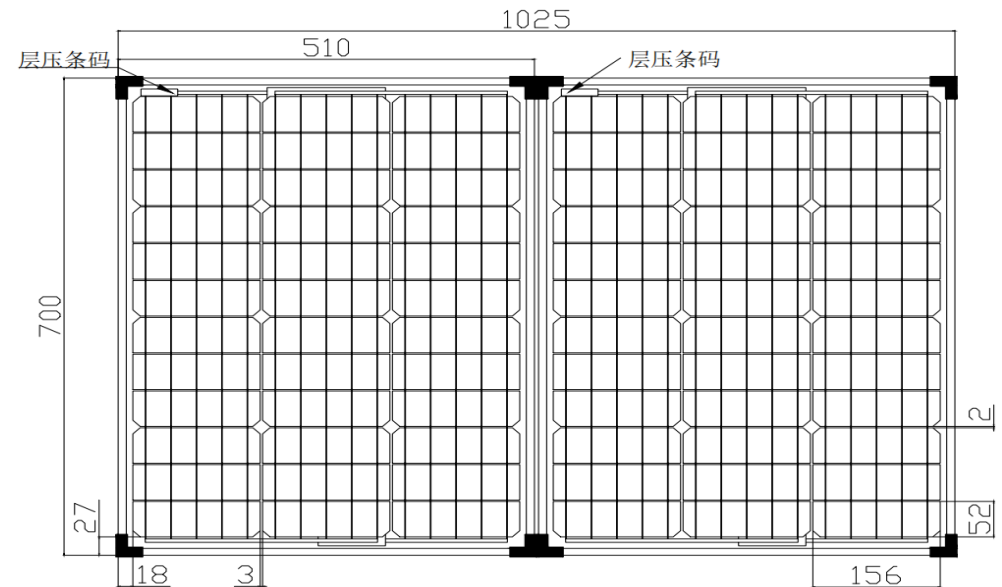
Technical Data

Type	VSM672-100
Type of Solar Cell	Mono-crystalline
Number of Cells	72 pcs
Size of module	700x510x65mm (156x52mm cell)
Folding package expansion size	1025x700x30mm
Module Weight	8.7kg*
Connector	Junction Box
Cables Length (+/-)	Customizable
Front Cover Glass	Safety Glass
Front Cover Glass Thickness	3.2 mm
Frame	Anodized Aluminium

Electrical Data

Maximum Power	$P_{MPP\ STC}$	100W
Power Tolerance	\pm_{STC}	+ 3%
Maximum Power Voltage	$V_{MPP\ STC}$	18.4 V
Maximum Power Current	$I_{MPP\ STC}$	15.56A
Open Circuit Voltage	$V_{OC\ STC}$	21.24V
Short Circuit Current	$I_{SC\ STC}$	5.9A
Cell Efficiency	η_{STC}	21.3%
Maximum System Voltage	V_{DC}	1000 V

STC: Irradiance 1000 W/m² 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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