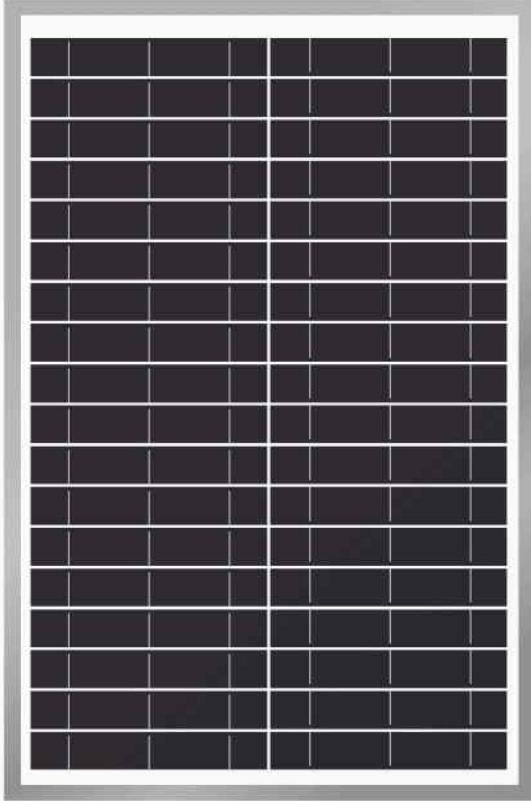


Matrix Module 25W Poly



MANAGEMENT SYSTEM

ISO 9001: Quality management system

ISO 14001: Standard for environmental management system

OHSAS 18001: International standard for occupational health and safety assessment system

PRODUCT CERTIFICATES



INSURANCE



PRODUCTS CHARACTERISTICS



Leading manufacturing technology in PV industry, strictly controlling the quality of raw materials and the process of producing



Increase the light absorption, self-cleaning in water environment, effectively reducing the power loss caused by dust.



Excellent mechanical load resistance: Certified to withstand high wind loads(2400pa) and snow loads(5400pa).



Widely using of the most popular and mature type of modules for off-grid system.



Outstanding performance in low-light irradiance environments.



Cells binned by current to improve module performance



100% EL inspection, ensures modules are defects free.



High salt and ammonia resistance



Positive power tolerance: 0~+5w

SRP-P6-25

Raw materials and Mechanical Parameters

P6-25	
Type of Cells(mm)	Poly
NO. of Cells and Connections	36
Dimensions(mm)(L*W*H)	550 × 350×25
Weight(kg)	2.18
Glass	3.2mm Tempered Glass
Encapsulation	EVA
Backsheet	Multilayer Composite
Aluminium-Frame	Silvery/Black Anodized aluminium alloy
Junction-Box	IP65
Cable	NA, but customized is acceptable
Connector	NA, but MC4 and MC4 Compatible are acceptable
Package Configuration	10pcs/ctn

Performance Parameters

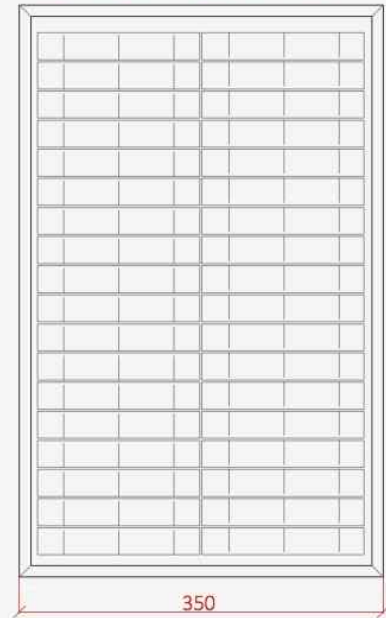
P6-25	
Maximum System Voltage	700V
Operating Temperature	-45~+80°C
Maximum Series Fuse	10A
Maximum Static Load, Front Side (e.x. Snow, Wind)	5400Pa
Maximum Static Load, Back Side (e.x. Wind)	2400Pa
Application Grade	Class A

Electrical Parameters (Standard Test Condition)

P6-25	
Rated Maximum Power(Mp)	25W
Power Tolerance	0- +5W
Cell Efficiency	17.8%
Open Circuit Voltage(Voc)	22.3V
Maximum Power Voltage(Vmp)	17.8V
Short Circuit Current(Isc)	1.41A
Maximum Power Current(Imp)	1.55A
Temperature Coefficient of Isc	+0.06%
Temperature Coefficient of Voc	-0.32%
Temperature Coefficient of Pmp	-0.45%
Standard Test Condition	Irradiance:1000W/M2, Cell Temperature:25°C, Spectrum AM:1.5

The Electrical Parameters of the module are the average theory figure under the standard test condition, each one exists difference. Can not be treated as the basis of module delivery.

Engineering Drawings (Front Side)



Engineering Drawings (Back Side)

