



## Solar Panel Energy (Pty) Ltd

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### NES72-6340P

## POLYCRYSTALLINE SILICON MODULE

### RAW MATERIALS AND MECHANICAL PARAMETERS

#### NES72-6340P

Type of Cells(mm)	Poly 156.75 x 156.75
NO. of Cells and Connections	6 x 12=72
Dimensions(mm)(L*W*H)	1956 x 992 x 40mm
Weight(kg)	22.0Kg
Glass	3.2mm Tempered Glass
Encapsulation	EVA
Backsheet	Multilayer Composite
Frame	Silver Anodized Aluminium Alloy
Junction Box	Ip65 / IP67
Cable	4mm <sup>2</sup> , 900mm
Connector	Mc4 Compatible
Package Configuration	26pcs/pallet

### PERFORMANCE PARAMETERS

#### NES72-6340P

Maximum System Voltage	1000V
Operating Temperature	-45~+80°C
Maximum Series Fuse	20A
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)

#### NES72-6340P

Rated Maximum Power(Mp)	340W
Power Tolerance	0+ <sub>-5</sub> W
Module Efficiency	17.15%
Open Circuit Voltage(Voc)	46.39V
Maximum Power Voltage(Vmp)	37.74V
Short Circuit Current(Isc)	9.48A
Maximum Power Current(Imp)	9.01A
Temperature Coefficient of Isc	+0.06%
Temperature Coefficient of Voc	-0.32%
Temperature Coefficient of Pmp	-0.45%



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



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



100% EL inspection ensures modules are defects free.



Cells binned by current to improve module performance.



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Anti reflective glass. Not only to increase the light absorption, but also to make the module has the function of 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)



High salt and ammonia resistance.



Positive power tolerance:0~+5w.



**10** years  
products  
warranty

**25** year  
power output  
warranty