

Specifications

Model Type	AU50-18-P
Peak Power(Pmax)	50.00
Maximum Power Voltage(Vmp)	18.15
Maximum Power Current(Imp)	2.76
Open Circuit Voltage(Voc)	22.23
Short Circuit Current(Isc)	2.91
Cells Efficiency(%)	16.96
Module Efficiency(%)	13.74
Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	10
Power Tolerance	0 ~ +3 %
Pmax Temperature Coefficients(W/°C)	-0.400 %
Voc Temperature Coefficients(V/°C)	-0.300 %
Isc Temperature Coefficients(A/°C)	+0.060 %
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40 ~ +85
Standard Test Condition(STC)	1.000W/m²;AM 1.5;25+/-2°C

Key Features



5 Busbar Cell:

5 Busbar Solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance making it perfect for rooftop installation and application



High Efficiency

High Module conversion efficiency,through innovative manufacturing technology



Low-Light Performance

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



Serve Weather Resilience

Certified to withstand: wind load(2400Pa) and snow load (5400Pa)



Durability against extreme enviromental conditions

High salt mist and ammonia resistance certified by TUV



0-+5W Positive Tolerance

Detailed information in Electrical Specifications

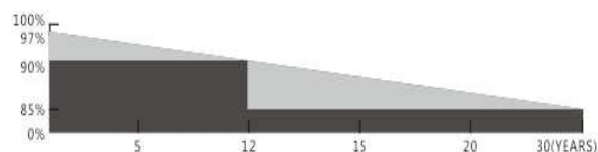
Mechanical characteristics

Cell Type	Poly-crystalline	156.75×52.25mm
No. of Cells	36(4×9)	
Dimensions	545×668×25mm	
Weight	4.0kgs	
Front Glass	3.2mm high transmission,low iron,tempered glass	
Frame	Anodized Aluminium Alloy	
Junction box	IP65 Rated	
Output cables	2.5mm ² cable 90cm+mc4	
Quantity/cartons	5pcs	

Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

Linear Performance Warranty



Guarantee on product materail and workmanship



Linear Power output warranty

Certification



Drawing Picture

50W Poly solar panel (545*668*25)

