

## 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(		45±2
Operating and Storage Temperature(°C)		-40 ~ +85
Standard Test Condition(STC)		1.000W/m <sup>2</sup> ;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 environmental conditions

High salt mist and ammonia resistance certified by TUV



### 0 to +5W Positive Tolerance

Detailed information in Electrical Specifications

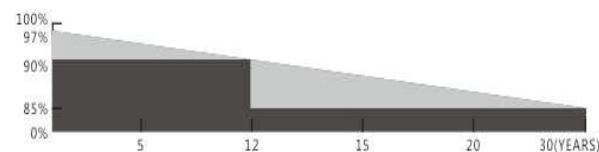
## Mechanical characteristics

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 <sup>2</sup> cable 90cm+mc4
Quantity/cartons	5pcs

## Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

## Linear Performance Warranty



Guarantee on product material and workmanship



Linear Power output warranty

## Certification



## Drawing Picture

