

Mechanical characteristics

Cell Type	Mono-crystalline 156.75×78.375mm
No. of Cells	36(4×9)
Dimensions	780×668×30mm
Weight	6.1kgs
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output cables	
Quantity/cartons	5pcs

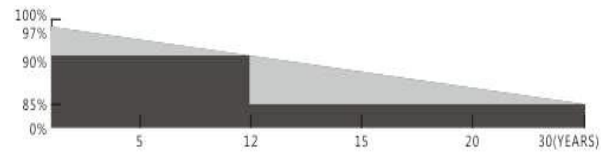
Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

Specifications

Model Type	AU90-18-M
Peak Power(Pmax)	90.00
Maximum Power Voltage(Vmp)	19.64
Maximum Power Current(Imp)	4.59
Open Circuit Voltage(Voc)	24.06
Short Circuit Current(Isc)	4.83
Cells Efficiency(%)	20.46
Module Efficiency(%)	17.27
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)	-0.290 %
Isc Temperature Coefficients(A/°C)	+0.048 %
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

Linear Performance Warranty



12 YEARS Guarantee on product material and workmanship

30 YEARS Linear Power output warranty

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

Certification



Drawing Picture

