

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		2.5mm ² cable 90cm+mc4
Quantity/cartons		5pcs

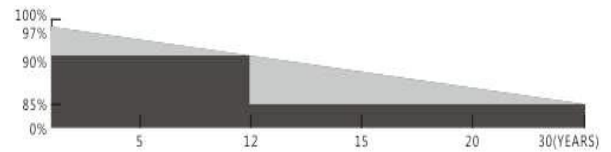
Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

Specifications

Model Type	AU80-18-M
Peak Power(Pmax)	80.00
Maximum Power Voltage(Vmp)	18.40
Maximum Power Current(Imp)	4.35
Open Circuit Voltage(Voc)	22.54
Short Circuit Current(Isc)	4.58
Cells Efficiency(%)	18.19
Module Efficiency(%)	15.35
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/m ² ; AM 1.5; 25 ± 0.5 °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 ~ +5W Positive Tolerance
Detailed information in Electrical Specifications

Certification



Drawing Picture

