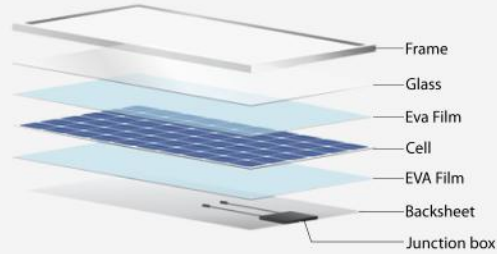


**ITS150M-36**

Monocrystalline 36 cells 150w-170w



**Key Features**

- Widely using of the most popular and mature type of modules for off-grid system
- High power output and highest conversion efficiency of 16.51%
- Anti-reflective and anti-soiling surface reduces power loss from dirt and dust
- Outstanding performance in low-light irradiance environments
- Excelent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)
- High salt and ammonia resistance certified by TUV NORD

**Reliable Quality**

- Positive power tolerance: 0+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential induced Degradation (PID) Resistant

**Guaranteed Performance\*\***

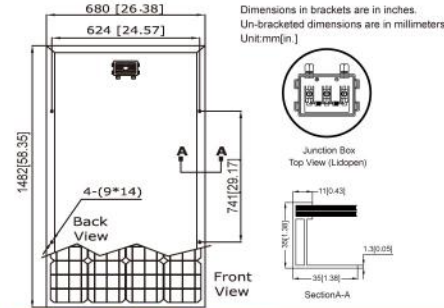
**10** Years Manufacturing Warranty

**12** Years Warranty 90% Power Output

**25** Years Warranty 80% Power Output

Free module recycling through membership in the Ceres Cycle Association

**Mechanical Drawings**



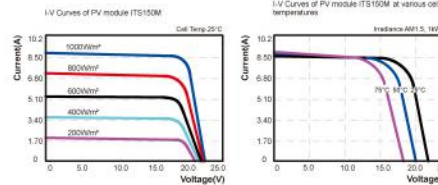
**Electrical Characteristics**

Maximum Power at STC (Pmax)	150W
Short Circuit Current(Isc)	8.81A
Open Circuit Voltage (Voc)	22.4V
Maximum Power Current(Imp)	8.22A
Maximum Power Voltage(Vmp)	18.3V
Module Efficiency	16.01%
Power Tolerance	0+3%

STC: irradiance 1000W/m<sup>2</sup>

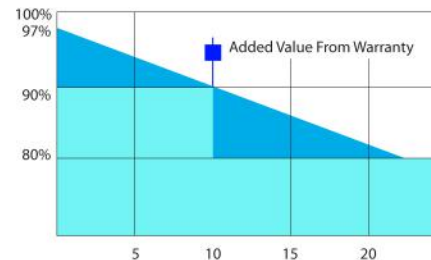
Module temperature 25°C

AM=1.5



**System Integration Parameters**

- 10-year product warranty
- 25-year linear power output warranty



**Mechanical Specification**

Cell Type	Multi Crystalline silicon solar cell
Dimensions(AxBxC)	1482mm(58.35in)x680mm(26.38in)x35mm(1.38in)
Weights	11.1kg(24.42lbs)
Front Glass	3.2mm tempered low iron glass
Frame	Anodized aluminium
Junction Box	IP67, with bypass diodes
Connector	MC4 compatible
Output Cables	TUV, length 900mm, 4.0mm

**System Integration Parameters**

Maximum system voltage	VDC 1000V
Maximum Series Fuse	15 A
Increased snowload acc.to IEC 61215	5400Pa
Operating Temperature	-40to+85°C
Number of bypass diodes	3

**Temperature Characteristics**

Normalin Operating Cell Temperature (NOCT)	45C±2 °C
Temperature Coefficient of Pmax	-0.44% °C
Temperature Coefficient of Voc	-0.34% °C
Temperature Coefficient of Isc	0.06% °C

**Qualifications And Certificates**

