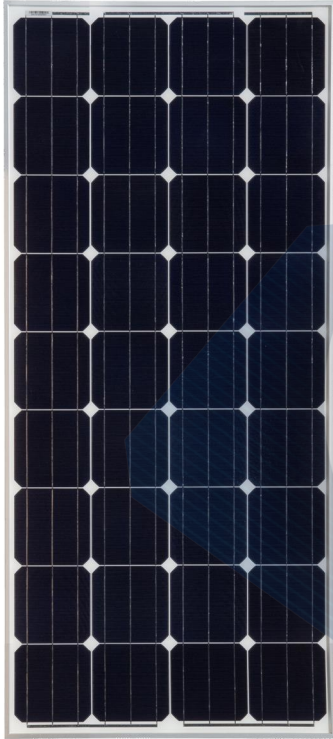


**Model (SL145TU-18MD) Specifications**

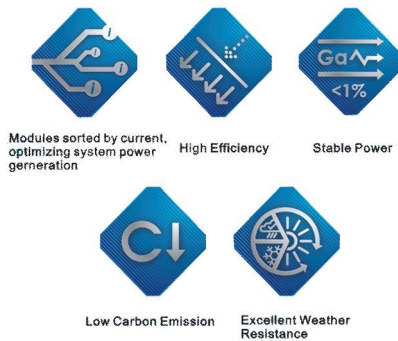


**Electrical Data**

Maximum Power(W)	145W
Optimum Power Voltage(Vmp)	18.82V
Optimum Operating Current(Imp)	7.70A
Open Circuit Voltage(Voc)	22.34V
Short Circuit Current(Isc)	8.24A
Cell Efficiency	17.36%
Module Efficiency	14.62%
Tolerance Wattage	0 +3%
NOCT	45°C +/-2°C

**Benefits**

- ❑ High efficiency solar cells with high transmission and textured glass are delivering high efficiency for modules;
- ❑ Bypass diode minimizes the power drop caused by shade;
- ❑ Tempered glass, EVA resin, and weatherproof film, plus aluminum frame for extended outdoor use;
- ❑ Modules independently tested to ensure conformance with certification and regulatory standards;
- ❑ Manufacturing facility certified to ISO 9001 quality management system standards.



**Applications**

- ❑ On-grid residential roof-tops
- ❑ On-grid commercial/industrial roof-tops
- ❑ Solar power stations
- ❑ Other on-grid applications

**Temperature Coefficients**

Temperature Coefficients of Isc(%)	+0.04
Temperature Coefficients of Voc(%)	-0.38
Temperature Coefficients of Pm(%)	-0.47
Temperature Coefficients of Im(%)	+0.04
Temperature Coefficients of Vm(%)	-0.38





IGNITE THE POWER OF NATURE

Monocrystalline Module  
--small size 145Watt

Components & Mechanical

Solar Cell	156*156 Mono
Number of Cell(pcs)	4*9
Size of Module(mm)	1485*668*35
Front Glass Thickness(mm)	3.2
Surface Maximum Load Capacity	2400-5400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	11.6
Bypass Diode Rating(A)	10
Frame(Material Corners,etc.)	35#
Temperature Range	-40°C to +85°C
FF (%)	70-78%
Standard Test Conditions	AM1.5 1000W/m <sup>2</sup> 25°C

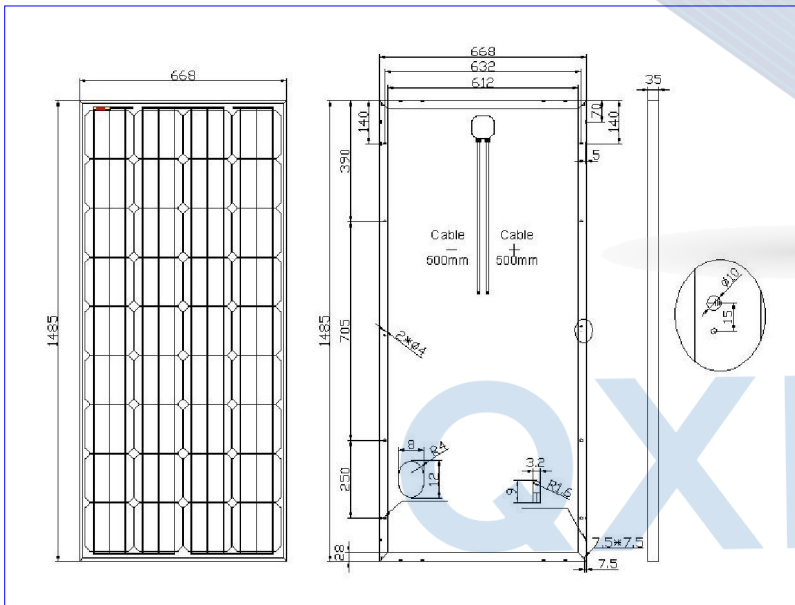
Packing

Packing	Wooden Box
Pieces per container	30pcs/Pallets

Project Picture



Engineering Drawings



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