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Solar Panel Guide Specification Data Sheet

Ningbo Qixin Solar Electrical Appliance Co., Ltd

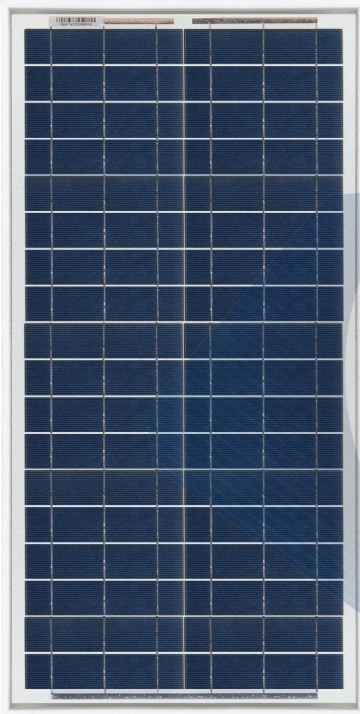
SL30TU-18P

SL30TU-18P

Also available on the web at

EnergyPal.com/ningbo-qixin-solar-electrical-appliance-co-ltd-solar-panels/sl30tu-18p

Model (SL30TU-18P) Specifications

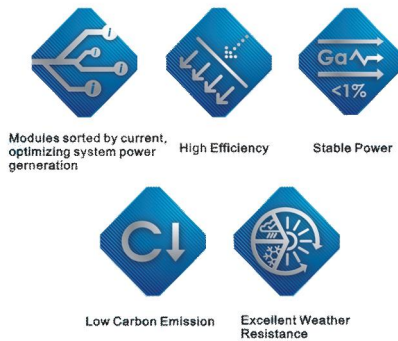


Electrical Data

Maximum Power(W)	30W
Optimum Power Voltage(Vmp)	18.36V
Optimum Operating Current(Imp)	1.63A
Open Circuit Voltage(Voc)	22.00V
Short Circuit Current(Isc)	1.75A
Cell Efficiency	15.72%
Module Efficiency	11.82%
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;
- ❑ 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

Polycrystalline Module
--small size 30Watt

Components & Mechanical

Solar Cell	156*34.66 Poly
Number of Cell(pcs)	2*18
Size of Module(mm)	710*360*28
Front Glass Thickness(mm)	3.2
Surface Maximum Load Capacity	2400-5400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	3.1
Frame(Material Corners,etc.)	28#
Temperature Range	-40°C to +85°C
FF (%)	70-78%
Standard Test Conditions	AM1.5 1000W/m ² 25°C

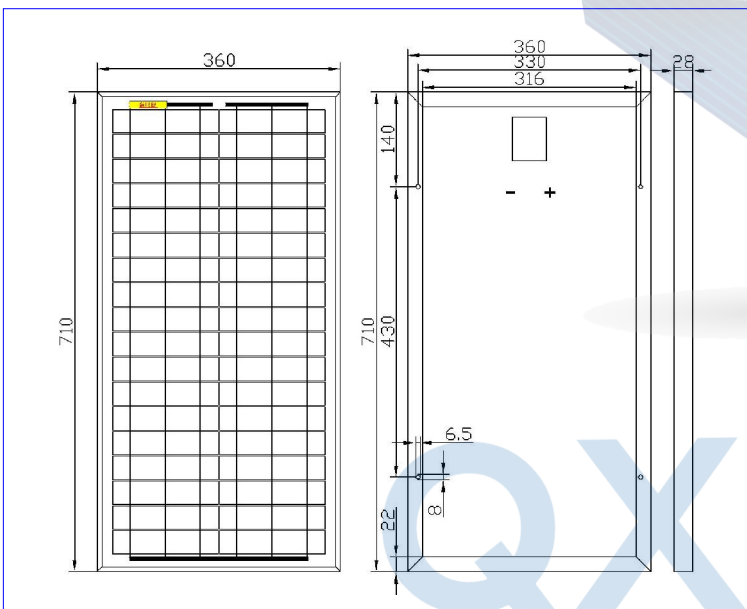
Packing

Packing	Wooden Box
Pieces per container	105pcs/Pallets

Project Picture



Engineering Drawings



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