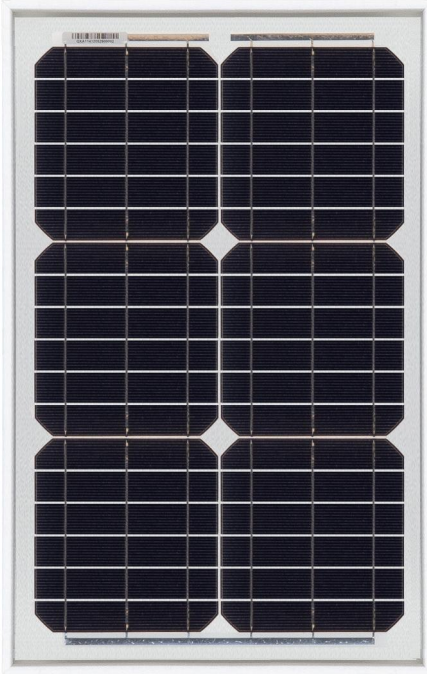


Model (SL25TU-18MD) Specifications

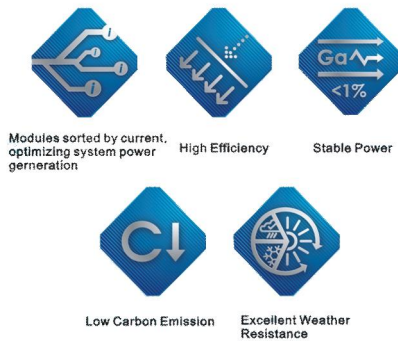


Electrical Data

| | |
|--------------------------------|-------------|
| Maximum Power(W) | 25W |
| Optimum Power Voltage(Vmp) | 18.57V |
| Optimum Operating Current(Imp) | 1.35A |
| Open Circuit Voltage(Voc) | 22.64V |
| Short Circuit Current(Isc) | 1.44A |
| Cell Efficiency (%) | 17.96% |
| Module Efficiency (%) | 12.18% |
| Tolerance Wattage(e.g. +/-3%) | 0 →+3% |
| NOCT | 47°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 25Watt

Components & Mechanical

| | |
|-------------------------------|---------------------------------|
| Solar Cell | 156*25.5(27) Mono |
| Number of Cell(pcs) | 2*18 |
| Size of Module(mm) | 570*360*28 |
| Front Glass Thikness(mm) | 3.2 |
| Surface Maximum Load Capacity | 2400-5400Pa |
| Allowable Hail Load | 23m/s ,7.53g |
| Weight Per Piece(KG) | 2.6 |
| Frame(Material Corners,etc.) | 28# |
| Backing (Brand Type) | TPT |
| Temperature Range | -40°C to +85°C |
| FF (%) | 70-76% |
| Standard Test Conditions | AM1.5 1000W/m ² 25°C |

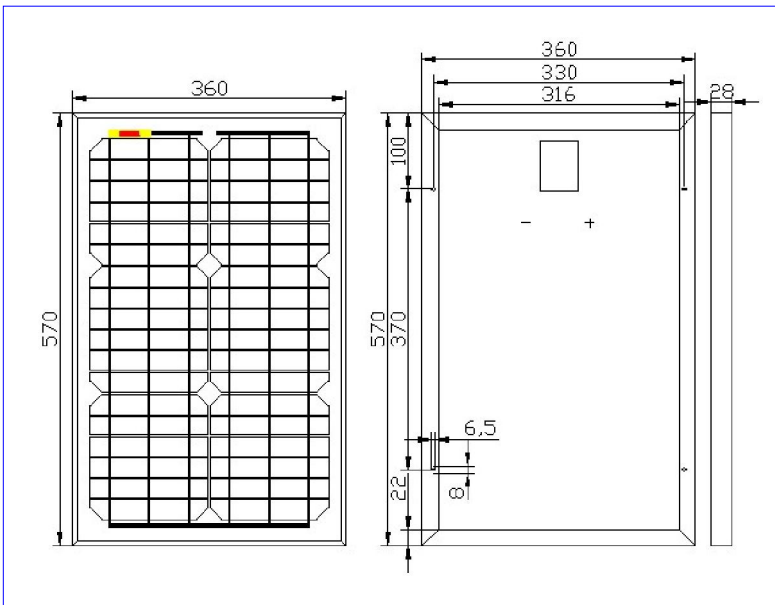
Packing

| | |
|----------------------|----------------|
| Packing | Wooden Box |
| Pieces per container | 140pcs/Pallets |

Project Picture



Engineering Drawings



©2013 Ningbo Qixin Solar Electrical Appliance Co., Ltd. All rights reserved.
Specifications included in this datasheet are subject to change without notice.



Ningbo Qixin Solar Electrical Appliance Co., Ltd
ADD: No. 37 Jingang Road, Binhai Industrial Park,
Xiangshan County, Ningbo, 315700, China
TEL: 0086 (0)574 25758821
FAX: 0086 (0)574 25758820
E-mail: info@nbqxsolar.com

