



# Ningbo Qixin Solar Electrical Appliance Co.,Ltd

No.99,Xingfu Road,Xiufeng Village,Gaoqiao Town,Ningbo,China

Web:www.nbqxsolar.com

<b>Model(SL250CE-48M)Specifications</b>	
<b>ITEM NO.:</b>	<b>SL250CE-48M</b>
Maximum Power(W)	250
Optimum Power Voltage(Vmp)	50.78
Optimum Operating Current(Imp)	4.92
Open Circuit Voltage(Voc)	59.9
Short Circuit Current(Isc)	5.26
Solar Cell:	125*125 Mono
Number of Cell(pcs)	8*12
Size of Module(mm)	1600*1056*40
Front Glass Thickness(mm)	3.2
Temperature Coefficients of Isc(%) °C	+0.04
Temperature Coefficients of Voc(%) °C	-0.38
Temperature Coefficients of Pm(%) °C	-0.47
Temperature Coefficients of Im(%) °C	+0.04
Temperature Coefficients of Vm(%) °C	-0.38
Temperature Range	-40°C to +85°C
Tolerance Wattage(e.g. +/-5%)	±5%
Surface Maximum Load Capacity	2400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	19.5
Bypass Diode Rating(A)	12
Cell Efficiency (%)	17.66%
Module Efficiency (%)	14.88%
Frame(Material Corners,etc.)	40#
Backing (Brand Type)	TPT
Warranty	90% of 10 years,80% of 25 years.
Standard Test Conditions	AM1.5 1000W/m <sup>2</sup> 25 +/-2°C
FF (%)	70-76%
Packing	Wooden box



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## Model(SL250CE-48M) Specification

### Qixin Solar Module

#### Using high quality materials to provide high quality solar modules

\* 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;

