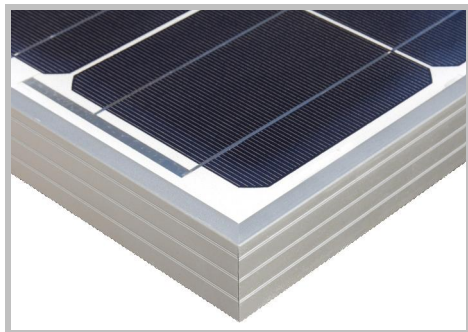




**QXPV**

# Ningbo Qixin Solar Electrical Appliance Co., Ltd

No.37, Jingang Road, Binhai Industrial Park, Xiangshan County, Ningbo, China, 315700  
www.nbqxsolar.com



## Model (SL250-270TU-48M) Specifications

### Electrical Data

Maximum Power(W)	250	255	260	265	270
Optimum Power Voltage(Vmp)	50.78	50.98	51.25	51.52	51.79
Optimum Operating Current(Imp)	4.92	5.00	5.07	5.14	5.21
Open Circuit Voltage(Voc)	59.90	59.95	60.09	60.22	60.36
Short Circuit Current(Isc)	5.26	5.35	5.43	5.50	5.58
Cell Efficiency (%)	17.32	17.67	18.01	18.36	18.71
Module Efficiency (%)	14.80	15.09	15.39	15.68	15.98
Tolerance Wattage(%)	0 ~+3%				
NOCT	47°C +/-2°C				

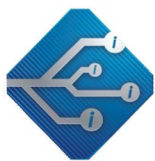
### Temperature Coefficients

Temperature Coefficients of Isc(%)	+0.04
Temperature Coefficients of Voc(%)	-0.35
Temperature Coefficients of Pm(%)	-0.45
Temperature Coefficients of Im(%)	+0.04
Temperature Coefficients of Vm(%)	-0.35

### Components & Mechanical Data

Solar Cell	125*125 Mono
Number of Cell(pcs)	8*12
Size of Module(mm)	1600*1056*40
Front Glass Thikness(mm)	3.2
Surface Maximum Load Capacity	2400-5400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	19.5
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Cable & Connector Type	Pass the TUV Certificate
Frame(Material Corners,etc.)	40#
Backing (Brand Type)	TPT
Temperature Range	-40°C to +85°C
FF (%)	70-76%
Standard Test Conditions	AM1.5 1000W/m <sup>2</sup> 25 +/-2°C

## Benefits



Modules sorted by current,  
optimizing system power  
generation



High Efficiency



Stable Power



Low Carbon Emission



Excellent Weather  
Resistance

