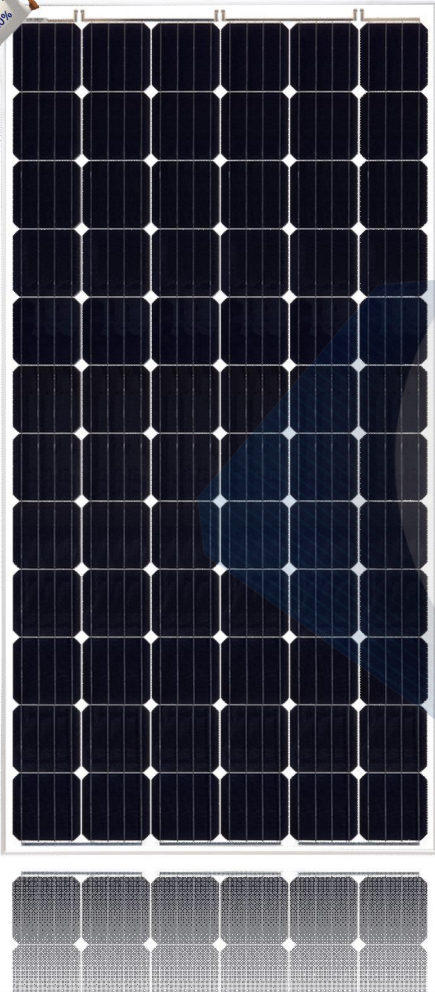




IGNITE THE POWER OF NATURE

**"PENGUIN"** Bifacial Solar Module  
N-Type Monocrystalline Cells  
320-340Watt



Model : SLxxxTU-36ND(xxx=320-340) Specifications

**Electrical Data**

Maximum Power(W)	320	325	330	335	340
Optimum Power Voltage(Vmp)	38.41	38.56	38.88	38.95	39.38
Optimum Operating Current(Imp)	8.33	8.43	8.49	8.60	8.63
Open Circuit Voltage(Voc)	46.09	46.31	46.80	46.88	46.97
Short Circuit Current(Isc)	8.91	9.02	9.08	9.20	9.24
Cell Efficiency (%)	19.16	19.46	19.76	20.06	20.35
Module Efficiency (%)	16.10	16.35	16.60	16.85	17.10
Tolerance Wattage(%)	0 +3				
NOCT	45°C +/-2°C				

**Temperature Coefficients**

Temperature Coefficients of Isc(%)	+0.04
Temperature Coefficients of Voc(%)	-0.29
Temperature Coefficients of Pm(%)	-0.37

Power generation increases 10%-30%  
PID Resistance Characteristics

**Components & Mechanical Data**

Solar Cell	156*156 N-Type Mono
Number of Cell(pcs)	6*12
Size of Module(mm)	1988*1000*40
Front Glass Thickness(mm)	2.5
Back Glass Thickness(mm)	2.5
Surface Maximum Load Capacity	Above 5400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	30.5
Junction Box Type	Pass the TUV Certificate
Frame(Material Corners,etc.)	40#
Temperature Range	-40°C to +85°C
FF (%)	70-78%
Standard Test Conditions	AM1.5 1000W/m <sup>2</sup> 25°C

**Benefits**

Modules sorted by current, optimizing system power generation

High Efficiency

No Attenuation

Low Carbon Emission

Excellent Weather Resistance

Power Generation Increases





## IGNITE THE POWER OF NATURE

# "PENGUIN" Bifacial Solar Module N-Type Monocrystalline Cells 320-340Watt

### Project Picture



### Warranty

Warranty	30 years limited power warranty
	12 years limited product warranty

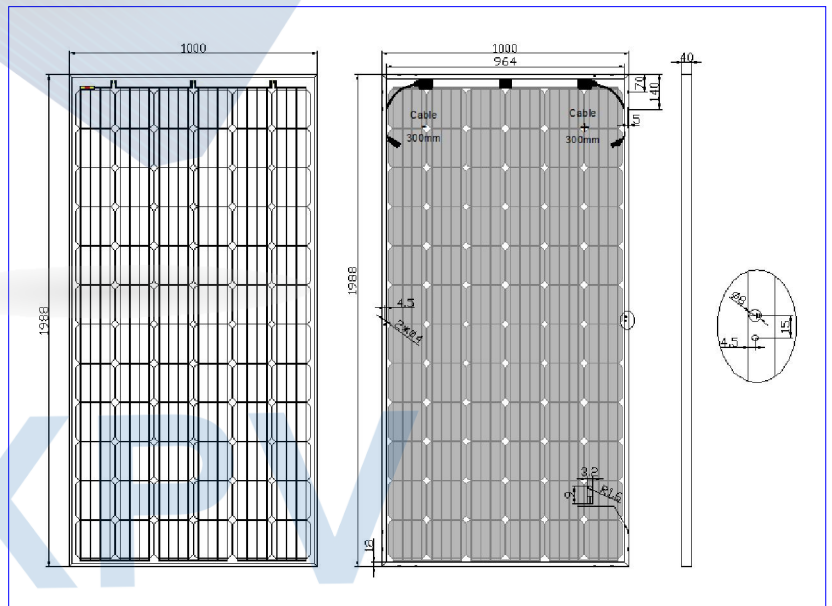
### Packing

Packing	Carton Box
1*20'	10Pallets/270pcs
1*40'HQ	22Pallets/594pcs

### Applications

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

### Engineering Drawings



- ☒ Manufacturing facility certified to **ISO 9001 / ISO 14001 / OHSAS 18001** quality management system standards.

### Ningbo Qixin Solar Electrical Appliance Co., Ltd

ADD: No. 37 Jingang Road, Binhai Industrial Park,

Xiangshan County, Ningbo, 315700, China

WEB: <http://www.nbqxsolar.com>

TEL: 0086-(0)574-25758823

FAX: 0086-(0)574-25758824

E-mail: [sales@nbqxsolar.com](mailto:sales@nbqxsolar.com)

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