

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

**Call: 1-800-990-3725**

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Newsolar Energy Co., Ltd.**

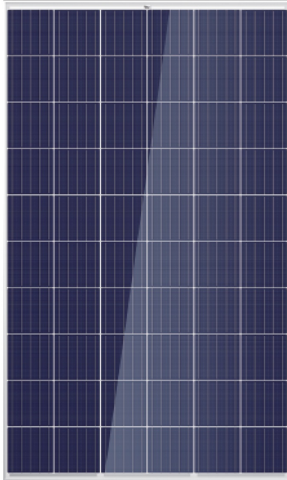
**N6P255W-275W**

**N6P270W60P**

Also available on the web at  
[EnergyPal.com/newsolar-energy-co-ltd-solar-panels/n6p270w60p](http://EnergyPal.com/newsolar-energy-co-ltd-solar-panels/n6p270w60p)

**High Quality Solar Module**

**N6P255W-275W**



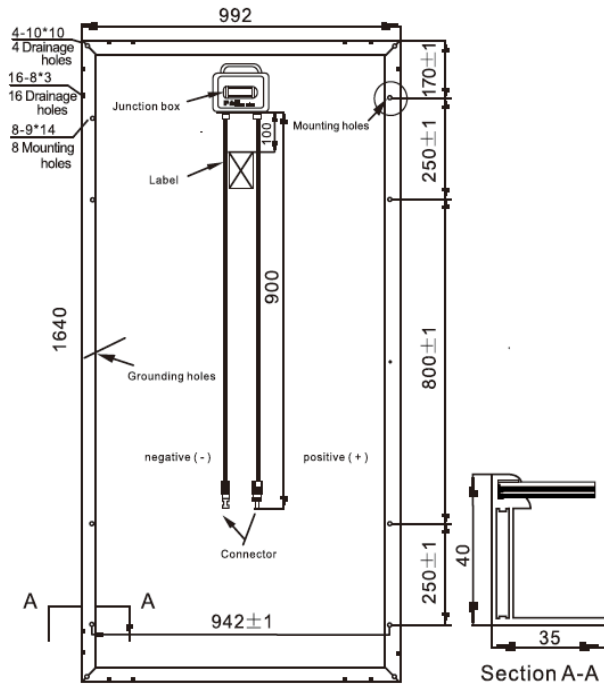
- ★ 0-5W positive power sorting
- ★ Salt mist and ammonia corrosion tests passed
- ★ Wind load up to 3800 Pa  
Snow load up to 5400 Pa
- ★ Stable performance under weak light conditions

**10 year**

Product Warranty

**25 year**

Power Warranty



**Newsolar Energy Co.,Ltd**

Taiwan Headquarter

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China Suzhou

Address: No.108, Commercial Culture Plaza Building 7, Ying Yan Road 33,

Tongli Town, Wujiang Dist, Suzhou City, Jiangsu, China

## Electrical Characteristics

Type	N6P255W60P	N6P260W60P	N6P265W60P	N6P270W60P	N6P275W60P
Maximum Power (Pmax)	255W	260W	265W	270W	275W
Open Circuit Voltage (Voc)	37.3V	37.4V	37.5V	38.2V	38.2V
Short Circuit Current (Isc)	9.00A	9.11A	9.21A	9.30A	9.35A
Voltage at Maximum Power (Vmpp)	30.2V	30.4V	30.5V	30.9V	30.9V
Current at Maximum Power (Impp)	8.43A	8.55A	8.68A	8.74A	8.9A
Module Efficiency	15.67%	15.98%	16.29%	16.42%	16.90%
Power Tolerance	0/+5W				
Operating Temp	-40°C to +85°C				
Max System Voltage	1500VDC (IEC) / 600VDC (UL)				
Max Series Fuse Rating	15A				
Temperature Characteristic	Nominal Operating Cell Temperature (NOCT)		45+/-2°C		
	Temperature Coefficient of Pmax		-0.42%/°C		
	Temperature Coefficient of Voc		-0.32%/°C		
	Temperature Coefficient of Isc		0.05%/°C		

## Mechanical Characteristics

Number of cells	60 cells (6x10)
Dimension	1640X992X40mm
Weight	20.0Kg
Junction Box	IP65/IP67 rated (3 bypass diodes)
Output Cables	TUV(2Pfg1169 : 2007), UL 4703, 4.0 mm <sup>2</sup> , Symmetrical length (-) 900 mm and (+) 900 mm
Connectors	MC4 compatible
Front	Glass 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Mechanical load test	5400Pa

## Packing Configuration

Number of cells	20'GP	40'GP
Pieces per pallet	26	29
Pallets per container	12	28
Pieces per container	312	812

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