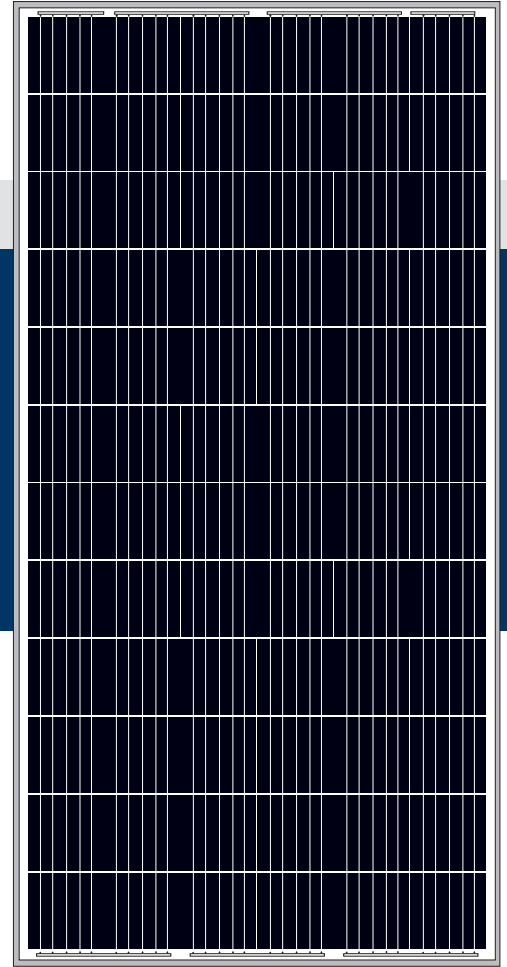


# NCS MODULE

## 156 Series Polycrystalline

•NCS-6AP 325W •NCS-6AP 320W •NCS-6AP 315W •NCS-6AP 310W



### Features



**Quality**  
Product certification to IEC 61215  
Protection class II / IEC 61730-II( FIRE Testing)  
Hot-Spot Protect,PID Free



**Product features**  
Performance sorting  $-0/+5$  Wp  
Temperature coefficient  $P_{mp}$ -0.41% K



**Value chain**  
Crystal-Wafer-Cell-Module



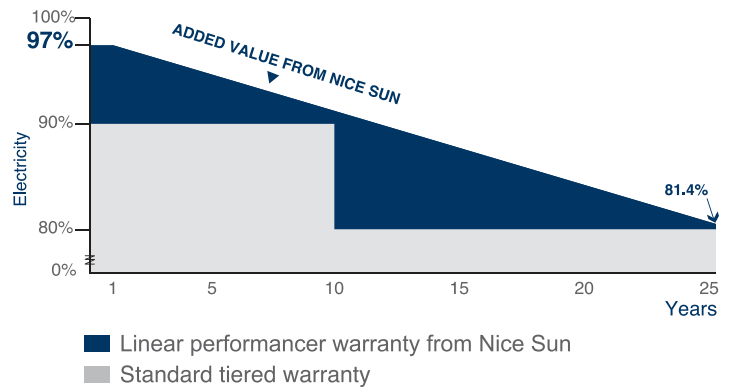
**Components**  
3.2 mm frontglass, 3 Diode  
Nice Sun Cell NCS-156P5BB



**Warranty**  
10 years product material and craftwork  
25 years performance guarantee  
(90% up to 10 years,80% up to 25 years)



**Power classes**  
310-325wp



### Benefits

- ▶ Product liability insurance
- ▶ Unique design ensures easy intallation
- ▶ Excellent performance under low light environment
- ▶ High wind loads(2400Pa) mechanical loading(5400Pa)
- ▶ Anodized aluminum is mainly for improving corrosion resistance
- ▶ High module conversion efficiency, through superior manufacturing technology
- ▶ Low iron tempered glass with high transmittance



## LEVOSOLAR TECHNOLOGY CO.,LTD

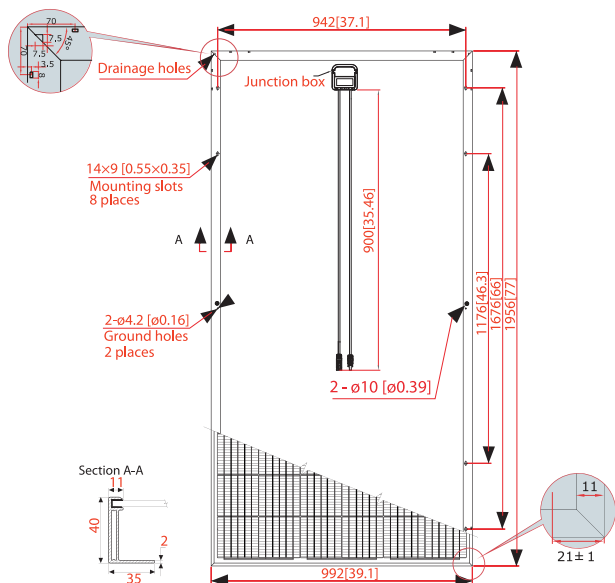
Add: No.11 Nanbu Road, Jinzhangzhu Industrial Zone, Yixing City  
214233, Jiangsu, P.R.China

Tel: +86 (510) 8739 7599 Fax: +86 (510) 8739 7906

[www.levosolar.com](http://www.levosolar.com) / [sales@levosolar.com](mailto:sales@levosolar.com)

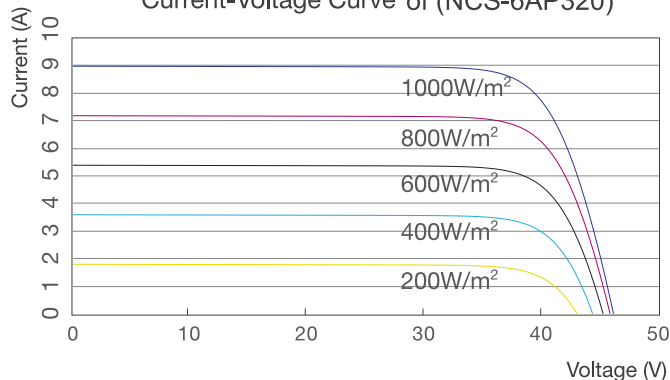
### PHYSICAL CHARACTERISTICS

Unit:mm (inch)



### ELECTRICAL CHARACTERISTICS

Current-Voltage Curve of (NCS-6AP320)



### EFFICIENCY AT VARIED IRRADIATION

Irradiance	200W/m <sup>2</sup>	400W/m <sup>2</sup>	600W/m <sup>2</sup>	800W/m <sup>2</sup>	1000W/m <sup>2</sup>
Efficiency	15.80%	16.00%	16.00%	16.00%	15.90%

### ELECTRICAL SPECIFICATIONS

	NCS-6AP325	NCS-6AP320	NCS-6AP315	NCS-6AP310
Peak Power (Pmax)	325 W	320 W	315 W	310 W
Maximum Power Voltage (Vmp)	37.39 V	37.28 V	37.09 V	36.89 V
Maximum Power Current (Imp)	8.69 A	8.58 A	8.49 A	8.40 A
Open Circuit Voltage (Voc)	46.38 V	46.12 V	45.85 V	45.56 V
Short Circuit Current (Isc)	9.17 A	9.09 A	9.01 A	8.92 A
Power Tolerance	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Module Efficiency	16.74 %	16.49 %	16.23 %	15.98 %

Values at standard Test Conditions STC(Air Mass AM 1.5, Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C)

### ELECTRICAL SPECIFICATIONS

	NCS-6AP 325	NCS-6AP 320	NCS-6AP 315	NCS-6AP 310
Peak Power (Pmax)	235.95W	232.32W	228.69W	225.06W
Maximum Power Voltage (Vmp)	34.37V	34.19V	34.00V	33.87V
Maximum Power Current (Imp)	6.87A	6.80A	6.73A	6.65A
Open Circuit Voltage (Voc)	42.24V	42.04V	41.84V	41.63V
Short Circuit Current (Isc)	7.20A	7.14A	7.08A	7.03A

Values at standard Test Conditions STC(Air Mass AM 1.5, Irradiance 800W/m<sup>2</sup>, Cell Temperature 20 °C, Wind speed 1m/s)

### MECHANICAL CHARACTERISTICS

Cell type	POLY 156.75x156.75mm , 72(6x12)pcs in series
Dimensions	1956x992x40mm
Weight	22.5kg(approx)
Front Glass	3.2mm tempered glass
Junction Box	IP67
Output Cable	900mm wire(Ø4mm <sup>2</sup> )
Connectors	MC4
Max Load	5400Pascals ( 112 lb/ft <sup>2</sup> )

### PACKING INFORMATION

	20FT	40FT	40HQ
Pallets per Container	10	24	24
Pieces per Container	260	572	616

### TEMPERATURE COEFFICIENT

Temp. Coeff. of Isc (TK Isc)	0.058%/°C
Temp. Coeff. of Voc (TK Voc)	-0.330 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.410%/°C
Normal Operating Cell Temperature(NOCT)	45°C±2 °C

### MAXIMUM RATINGS

Operating Temperature	-40°C to +85 °C
Maximum System Voltage	1000VDC(EU)/600VDC(US)
Maximum Series Fuse Rating	15A(EU)/10A(US)

The parameters are for reference only, and are subject to change without notice or obligation.