

NCS MODULE

156 PERC Series Monocrystalline

• NCS-6AM 360W • NCS-6AM 355W • NCS-6AM 350W • NCS-6AM 345W

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} -0.43% K



Value chain
Crystal-Wafer-Cell-Module



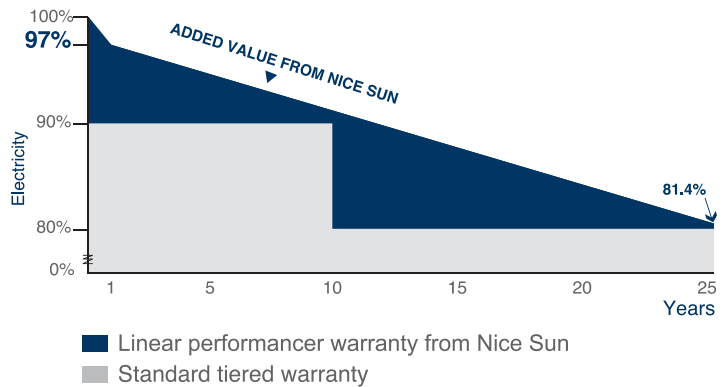
Components
3.2mm frontglass, 3 Diode
Nice Sun Cell NCS-156M5BB-M2 Cells



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



Power classes
345-360wp



Benefits

PERC Cells:

- ▶ The mono cell with passivated backside
- ▶ >21.0 average mass production efficiency

More Power Per m² :

- ▶ Higher conversion efficiency more power production per unit area

Lower System Cost:

- ▶ Higher conversion efficiency help you save
- ▶ Transportation Cost
- ▶ Installation Cost
- ▶ BOS Cost

Excellent performance under low light environment

- ▶ Enhanced spectra response at longer wavelength boosts low-light performance, which can produce more than 3% additional power



LEVO SOLAR TECHNOLOGY CO.,LTD

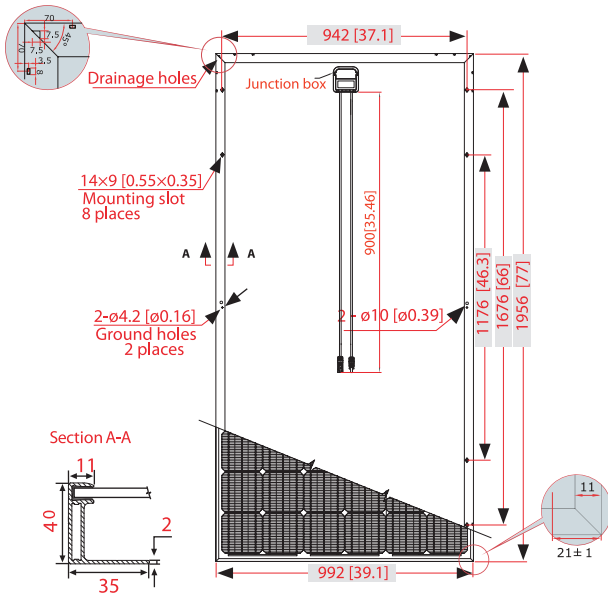
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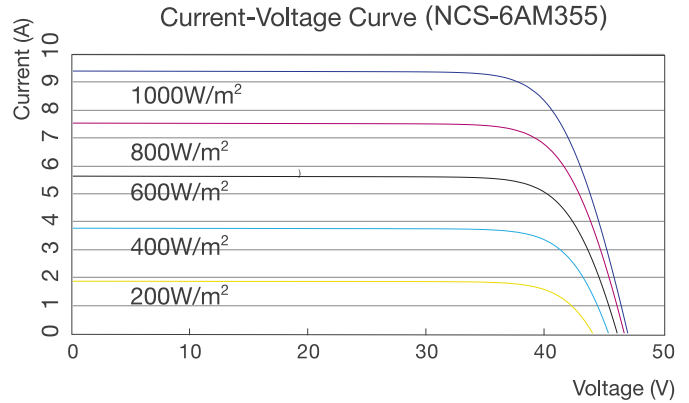
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PHYSICAL CHARACTERISTICS

Unit:mm (inch)



ELECTRICAL CHARACTERISTICS



EFFICIENCY AT VARIED IRRADIATION

Irradiance	200W/m ²	400W/m ²	600W/m ²	800W/m ²	1000W/m ²
Efficiency	17.70%	17.80%	17.80%	17.80%	17.70%

ELECTRICAL SPECIFICATIONS

	NCS-6AM360	NCS-6AM355	NCS-6BM350	NCS-6BM345
Peak Power (Pmax)	360 W	355 W	350 W	345 W
Maximum Power Voltage (Vmp)	38.87 V	38.77 V	38.58 V	38.39 V
Maximum Power Current (Imp)	9.26 A	9.16 A	9.07 A	8.99 A
Open Circuit Voltage (Voc)	47.51 V	47.33 V	47.24 V	47.05 V
Short Circuit Current (Isc)	9.74 A	9.67 A	9.61 A	9.54 A
Power Tolerance	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Module Efficiency	18.55 %	18.30 %	18.04 %	17.78 %

Values at standard Test Conditions STC(Air Mass AM 1.5, Irradiance 1000W/m², Cell Temperature 25°C)

ELECTRICAL SPECIFICATIONS

	NCS-6AM360	NCS-6AM355	NCS-6AM350	NCS-6AM345
Peak Power (Pmax)	263.21W	259.54W	255.89W	252.23W
Maximum Power Voltage (Vmp)	36.13V	35.86V	35.59V	35.33V
Maximum Power Current (Imp)	7.29A	7.24A	7.19A	7.14A
Open Circuit Voltage (Voc)	44.03V	43.82V	43.61V	43.39V
Short Circuit Current (Isc)	7.92A	7.86A	7.81A	7.74A

Values at standard Test Conditions STC(Air Mass AM 1.5, Irradiance 800W/m², Cell Temperature 20 °C, Wind speed 1 m/s)

MECHANICAL CHARACTERISTICS

Cell type	PERC Mono Crystalline 156.75mmx156.75mm5BB
Dimensions	1956×992×40mm
Weight	23kgs(approx)
Front Glass	3.2mm tempered glass
Junction Box	IP65
Output Cable	0.9mm wire(ø4mm ²)
Connectors	MC4
Max Load	5400Pascals (112 lb/ft ²)

TEMPERATURE COEFFICIENT

Temp. Coeff. of Isc (TK Isc)	0.046%/°C
Temp. Coeff. of Voc (TK Voc)	-0.309 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.437%/°C
Nominal Operating Cell Temperature(NOCT)	45°C ± 2°C

PACKING INFORMATION

	20FT	40FT	40HQ
Container	20FT	40FT	40HQ
Pallets per Container	10	22	22
Pieces per Container	260	572	616

MAXIMUM RATINGS

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