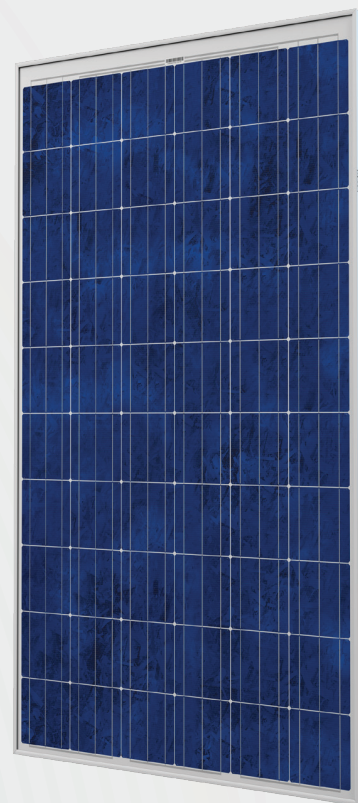


Solar energy drives the world and lightens the future



NCS-6BP 250W
NCS-6BP 245W
NCS-6BP 240W
NCS-6BP 235W



NCS MODULE

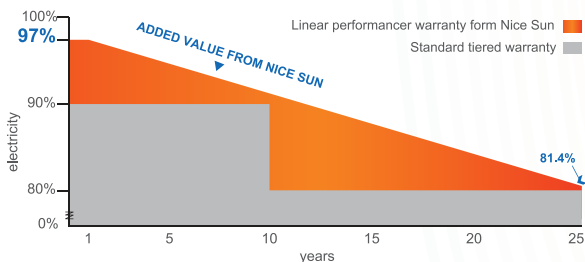
156 Series Polycrystalline

Features

- High module conversion efficiency, through superior manufacturing technology
- 0 to +5W positive tolerance for mainstream products
- Better mechanical strength and static loading (5400Pa)
- Anodized aluminum is mainly for improving corrosion resistance
- Low iron tempered glass with high transmittance
- Excellent performance under low light environment

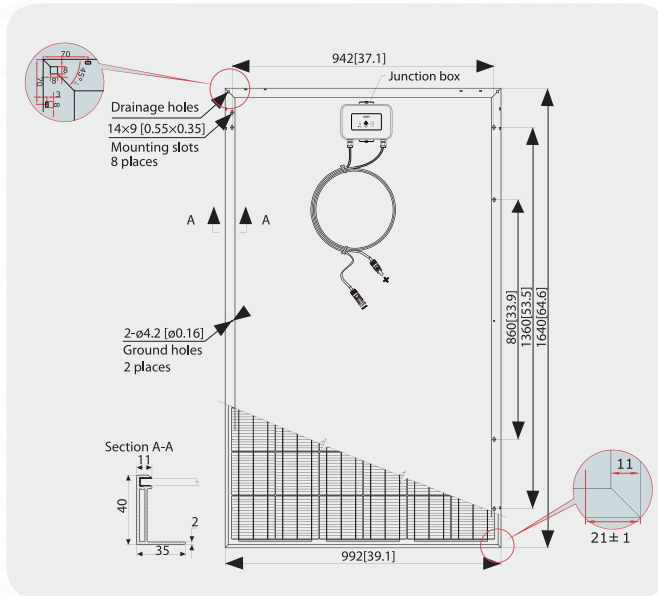
Benefits

- 10-year warranty on materials and workmanship; 25year linear performance warranty
- Product liability insurance
- USA technical support
- Europe warehousing
- 48 hour-response service
- Unique design ensures easy installation and Operation

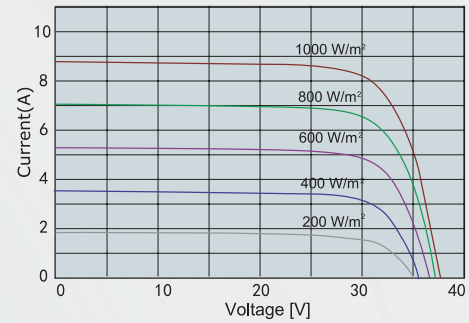


PHYSICAL CHARACTERISTICS

Unit:mm (inch)



ELECTRICAL CHARACTERISTICS



EFFICIENCY AT VARIED IRRADIATION

Irradiance	200W/m²	400W/m²	600W/m²	800W/m²	1000W/m²
Efficiency	15.1%	15.4%	15.5%	15.5%	15.4%

ELECTRICAL SPECIFICATIONS

	NCS-6BP250	NCS-6BP245	NCS-6BP240	NCS-6BP235
Peak Power (Pmax)	250W	245W	240W	235W
Maximum Power Voltage (Vmp)	30.10V	29.90V	29.70V	29.30V
Maximum Power Current (Imp)	8.31A	8.19A	8.08A	8.03A
Open Circuit Voltage (Voc)	37.40V	37.30V	37.20V	37.00V
Short Circuit Current (Isc)	8.83A	8.73A	8.64A	8.58A
Power Tolerance	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Module Efficiency	15.40%	15.10%	14.75%	14.40%
Values at standard Test Conditions STC(Air Mass AM 1.5, Irradiance 1000W/m², Cell Temperature 25°C)				

ELECTRICAL SPECIFICATIONS

	NCS-6AP250	NCS-6AP245	NCS-6AP240	NCS-6AP235
Peak Power (Pmax)	185W	182W	178W	174W
Maximum Power Voltage (Vmp)	28.20V	27.90V	27.40V	27.10V
Maximum Power Current (Imp)	6.57A	6.53A	6.51A	6.42A
Open Circuit Voltage (Voc)	35.00V	35.00V	34.70V	34.40V
Short Circuit Current (Isc)	7.12A	7.04A	6.97A	6.92A
Values at standard Test Conditions STC(Air Mass AM 1.5, Irradiance 800W/m², Cell Temperature 20°C, Wind speed 1m/s)				

MECHANICAL CHARACTERISTICS

Cell type	Poly Crystalline 156x156mm, 60(6x10)pcs in series
Dimensions	1640x992x40mm
Weight	19.0kg
Front Glass	3.2mm tempered glass
Junction Box	IP65
Output Cable	0.9mm wire(Ø4mm²)
Connectors	MC4
Max Load	5400Pascals (112 lb/ft²)

TEMPERATURE COEFFICIENT

Temp. Coeff. of Isc (TK Isc)	0.04 %/ °C
Temp. Coeff. of Voc (TK Voc)	-0.30 %/ °C
Temp. Coeff. of Pmax (TK Pmax)	-0.40 %/ °C
Nominal Operating Cell Temperature(NOCT)	45°C ±2 °C

PACKING INFORMATION

Container	20FT	40FT	40HQ
Pallets per Container	12	28	28
Pieces per Container	300	700	770

MAXIMUM RATINGS

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