

# MONO/POLY SOLAR MODULE

## 120-130W



### PRODUCT FEATURE

- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 18.8%.
- White tempered glass ,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- Product guarantee 10 years.

### Quality Assurance

- Electrical Insulation test
- Outdoor exposure test
- Hot-spot endurance test
- UV-exposure
- Thermal cycling test
- Humidity freeze test
- Damp heat Test
- Robustness of terminations test
- Wet leakage current test
- Mechanical load test
- Hail impact test
- Bypass diode thermal test

### Electric Performance Typical Performance Characteristics

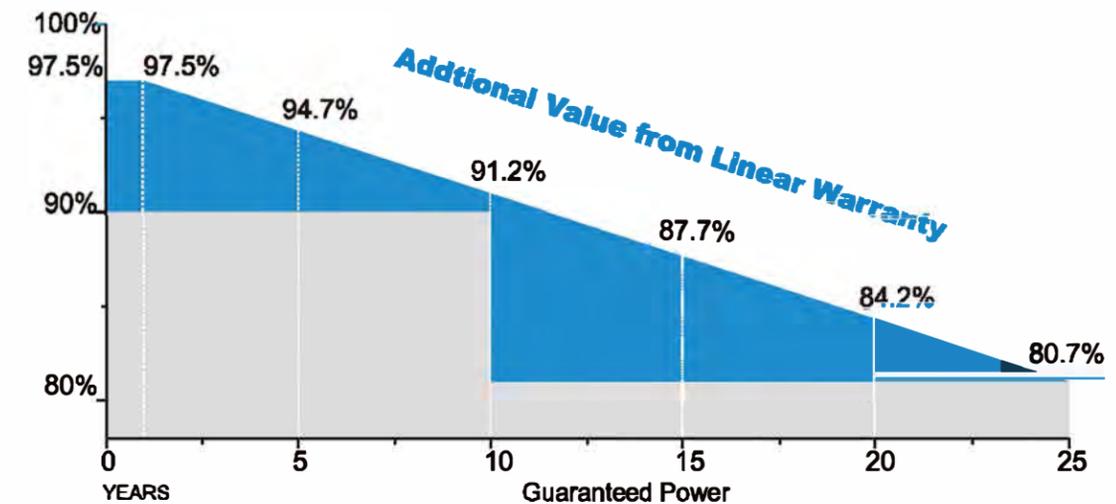
Short Circuit Current Temperature Coefficient	%/°C	0.06
Open Circuit Voltage Temperature Coefficient	%/°C	-0.34
Maximum Power Temperature Coefficient	%/°C	-0.47
Performance Warranty : 90%output , 12 years		
80%output, 25 years		

### PRODUCT SPECIFICATION

Type Of Module	NB-120W	NB-130W
Maximum Power (W)	120	130
Tolerance (%)	± 3%	± 3%
Open Circuit Voltage (V)	21.78	22.39
Short Circuit Current (A)	7.00	7.38
Maximum Power Voltage (V)	18.00	18.50
Maximum Power Current (A)	6.67	7.03
Module Efficiency (%)	14.93	16.17
Solar Cell Efficiency (%)	17.76	19.25
Series Fuse Rating (A)	15	15
Terminal Box	IP65	IP65
Maximum system voltage (V)	DC1000	DC1000
Operating Temperature(°C)	-40°C --85°C	-40°C --85°C
Dimension	1200*670*30MM	1200*670*30MM
Weight	9.2KG/PCS	9.2KG/PCS
Packing	2 pcs in one carton	2 pcs in one carton

### Electrical Characteristics

#### WARRANTY



Guarantee on product material and workmanship



linear power output warranty