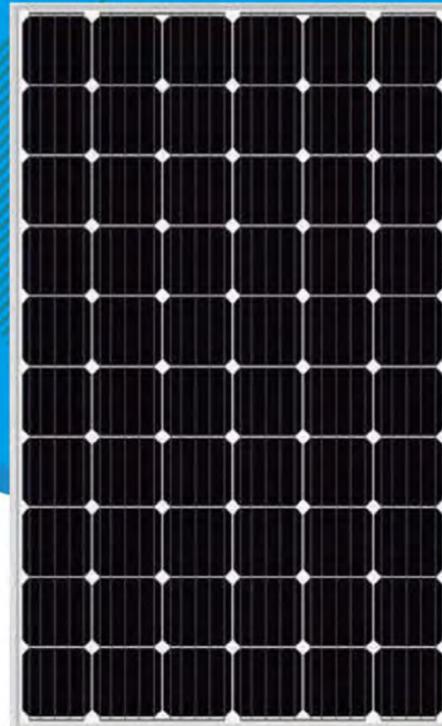


MONO SOLAR MODULE

156.75' 270-300W



PRODUCT FEATURE

- Bypass diode minimizes the power drop by shade.
- 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-60-M270W	NB-60-W275W	NB-60-M280W	NB-60-M285W	NB-60-M290W	NB-60-M295W	NB-60-M300W
Maximum Power (W)	270	275	280	285	290	295	300
Tolerance (%)	± 3%	± 3%	± 3%	± 3%	± 3%	± 3%	± 3%
Open Circuit Voltage (V)	38.1	38.2	38.4	38.5	38.6	38.7	38.8
Short Circuit Current (A)	9.00	9.14	9.27	9.41	8.96	9.06	9.16
Maximum Power Voltage (V)	31.5	31.6	31.7	31.8	31.9	32	32.1
Maximum Power Current (A)	8.57	8.70	8.83	8.96	8.57	8.7	8.83
Module Efficiency (%)	16.6	16.9	17.2	17.5	17.8	18.1	18.4
Solar Cell Efficiency (%)	18.88	19.23	19.58	19.93	20.28	20.63	20.98
Series Fuse Rating (A)	15	15	15	15	15	15	15
Terminal Box	IP65						
Maximum system voltage (V)	DC1000						
Operating Temperature(°C)	-40°C -85°C						
Dimension	1640*992*35MM						
Weight	18KG/PCS						
Packing	2 pcs in one carton or 30pcs/ pallet						

Electrical Characteristics

