

Quality and Safety

- ✦ Rigorous quality control meeting the highest international standards
- ✦ High-transmissivity low-iron tempered glass, strong aluminium frame Using UV-resistant silicon
- ✦ Safety Class II, conformity to CE

Features

- ✦ Aesthetic appearance with excellent efficiency based on innovative photovoltaic technologies
- ✦ High quality, strong aluminium frame, passing mechanical load testing 5400 Pa and wind pressure 2400Pa

Warranties

- ✦ 10 years limited product warranty
- ✦ 15 years at 90% of the minimal rated power output
- ✦ 25 years at 80% of the minimal rated power output

Certificates



Electrical Characteristics

Model	NS-50P
Maximum Power at STC (P _{max})	50W
Optimum Operating Voltage (V _{mp})	17.5V
Optimum Operating Current (I _{mp})	2.858A
Open-Circuit Voltage (V _{oc})	21.60V
Short-Circuit Current (I _{sc})	3.120A
Solar Cell Efficiency (%)	17.25
Solar Module Efficiency (%)	13.82
Operating Temperature	-40to85°C
Maximum System Voltage	DC1000
Maximum Series Fuse Rating	15A
Power Tolerance	+/-3%
STC: Irradiance 1000W/m ² , Modules Temperature 25°C, AM=1.5	

