

For a Free Quote:

Web: **EnergyPal.com/solar**

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**Solar Panel Guide
Specification Data Sheet**

PolyCrown Solar Tech

NS-40P6

NS-40P6

Also available on the web at
EnergyPal.com/polycrown-solar-tech-solar-panels/ns-40p6



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-40P
Maximum Power at STC (P _{max})	40W
Optimum Operating Voltage (V _{mp})	17.5V
Optimum Operating Current (I _{mp})	2.289A
Open-Circuit Voltage (V _{oc})	21.60V
Short-Circuit Current (I _{sc})	2.572A
Solar Cell Efficiency (%)	16.2
Solar Module Efficiency (%)	12.44
Operating Temperature	-40to85℃
Maximum System Voltage	DC1000
Maximum Series Fuse Rating	15A
Power Tolerance	+/-3%

STC: Irradiance 1000W/m², Modules Temperature 25℃, AM=1.5

