

NBS-60P
250/255/260 WATT
POLY CRYSTALLINE MODULE
NEW ENERGY TECHNOLOGY



KEY FEATURES:



Australian Office



Clean Energy Council

Clean Energy Council Approved



High Cell Efficiency 18.4%

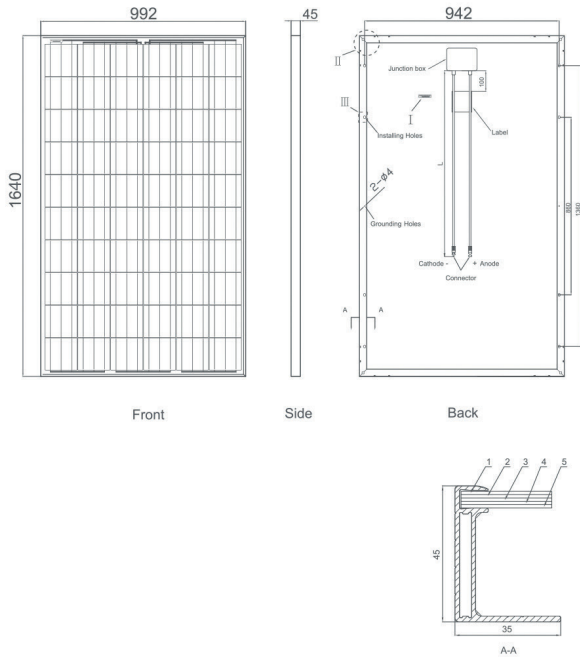


25 year linear power warranty
10 year product warranty
Transferable warranty



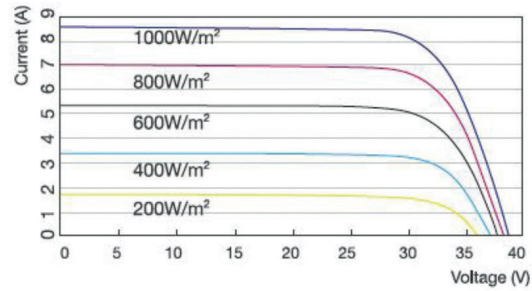
Grade A QC passed

Engineering Drawings

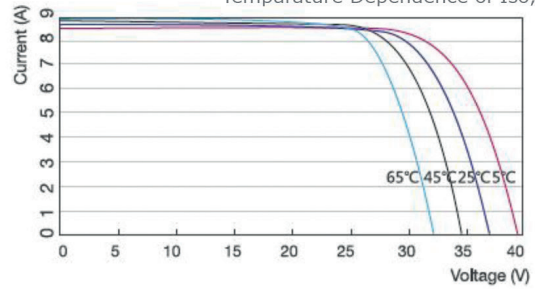


Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves



Temperature Dependence of Iso, Vov, Pmax



Packaging Configuration

(Two boxes=One pallet)

26 pcs/box, 340 pcs/20'HQ container, 728 pcs/40'HQ container

Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No.of cells	60 (6×10)
Dimensions	1640×992×40mm (64.97×39.06×1.77 inch)
Weight	17.5kg (41.9 lbs.)
Front Glass	3.5mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	Length:900mm

SPECIFICATIONS

Maximum Power	Watt	250w	255w	260w
Production Tolerance		+3%	+3%	+3%
Maximum Power voltage	V	31.13	31.56	31.80
Maximum Power current	A	8.03	8.08	8.18
Open circuit voltage	V	37.52	37.80	37.92
Short circuit current	A	8.41	8.63	8.72
Cell Efficiency		17.80%	18%	18.4%
NOCT (Nominal operating cell temperature)		47°C(±2°C)		
Temperature coefficient of Isc		+0.05%/°C		
Temperature coefficient of Voc		-0.33%/°C		
Temperature coefficient of power		-0.5%/°C		
Temperature coefficient of Im		+0.05%/°C		
Temperature coefficient of Vm		-0.33%/°C		
Temperature Range		-40°C to +90°C		
Max Load		5400 Pa		
Maximum system voltage		1000V(TUV)/600V(UL)		

STC: ☀ Irradiance 1000W/m² 🚧 Cell Temperature 25°C ☁ AM=1.5

NOCT: ☀ Irradiance 800W/m² 🚧 Ambient Temperature 20°C ☁ AM=1.5 🌀 Wind Speed 1m/s