



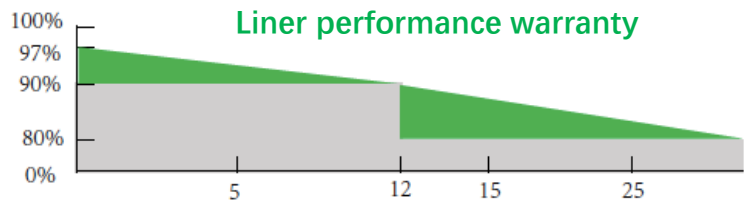
**DNE270-285P6-60**

**12  
Years**

**12 Years quality assurance of materials and craftsmanship**

**25  
Years**

**25 Years 80% output power guarantee**



**Qualifications and Certificates**



**Key Features**



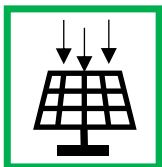
**Low Cost**

Polycrystalline cells, the production process is relatively simple, great price advantage



**Excellent Anti-PID Performance**

The performance of PID resistance (Potential Induced Degradation) passed the standard TUV



**Strong Mechanical Load Frame**

Mechanical load capacity up to 5400pa



**100% EL Testing**

Each solar panel passes two Electroluminescence (EL) inspections

## Electrical Data (STC)

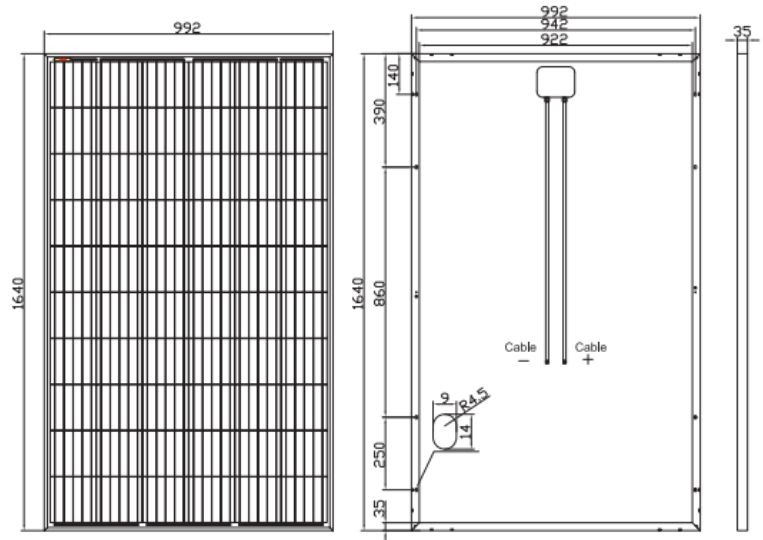
\* STC: Irradiance 1000W/m<sup>2</sup>, Module Temperature 25°C, AM 1.5

Module Type	DNE270P6-60	DNE275P6-60	DNE280P6-60	DNE285P6-60
Peak Power (Pmax)	270	275	280	285
Maximum Power Voltage (Vmp)	31.61	31.74	31.82	31.88
Maximum Power Current (Imp)	8.54	8.66	8.80	8.94
Open Circuit Voltage (Voc)	37.54	37.70	37.86	37.92
Short Circuit Current (Isc)	9.14	9.27	9.42	9.56
Module Efficiency (%)	16.60	16.90	17.21	17.52
Maximum Power Tolerance	0-5W	0-5W	0-5W	0-5W

## Temperature & Maximum rating

Temperature Coefficients Isc (A/°C)	+0.050%/°C
Temperature Coefficients Voc (V/°C)	-0.320%/°C
Temperature Coefficients Pmax (W/°C)	-0.410%/°C
NOCT (°C)	45±2°C
Operating and Storage Temperature (°C)	-40°C ~ +85°C
Maximum System Voltage (V)	1000V
Maximum Series Fuse Rating (A)	15A
Max Wind Load/Snow Load	2400Pa/5400Pa
Application Class	A

## PV Drawing



## Mechanical Characteristics

Cell type	156*156 Poly
Cells Number	60 (10*6)
Dimensions	1640*992*35mm
Weight	18.0kgs
Front Glass	3.2mm high transmission, tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67/IP68, 3 bypass diodes
Output Cables	4mm <sup>2</sup> , 900mm in length each
Connector	compatible with MC4 plug

## Packing information

20FT Container	372PCS/12Pallets
40HQ Container	868PCS/28Pallets

## IV Curve

