

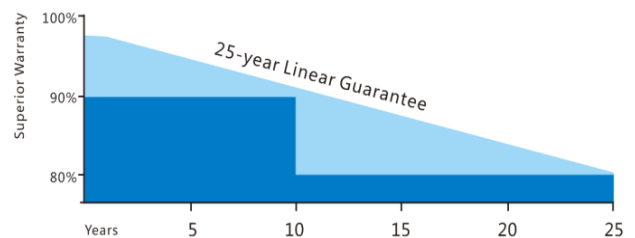
Key Features

- Power output : Positive tolerance of up to 5W
- 100%EL 2 times-inspection ensures modules are defect free
- Anti-reflective and self-cleaning surface reduces power loss from dirt and dust
- Less internal resistance loss and lower operating temperature than the full cell module
- Less shading loss than the full cell module
- Better compatible with new technique

Comprehensive Certificates

- IEC61215, IEC61730
- TUV, CE
- ISO9001:2015
- ISO14001:2015
- OHSAS 18001:2007

Superior Warranty



25-year Linear Power Output Warranty

Power output* shall not exceed:

For Poly-crystalline Modules: 2.5 % in the first year, thereafter 0.70% per year, ending with 80.7% in the 25th year after the Warranty Start Date.

*measured at STC

SOLAR MODULE

LNPH120-XXX(275W-295W)

Poly / 5 Busbar / 120 half cells

Electrical Parameters@STC

Pmax (W) 0-+5W	Umpp (V)	Impp(A)	Uoc (V) ±3%	Isc(A) ±3%	FF	Module Efficiency	Max System Voltage	Max Series Fuse
275	31.18	8.82	37.91	9.3	78.00%	16.55%	1500V/1000V	15A
280	31.42	8.91	38.1	9.39	78.25%	16.85%	1500V/1000V	15A
285	31.68	9	38.27	9.48	78.59%	17.15%	1500V/1000V	15A
290	31.88	9.1	38.44	9.57	78.86%	17.45%	1500V/1000V	15A
295	32.11	9.19	38.61	9.66	79.12%	17.75%	1500V/1000V	15A

Temperature Parameter

Temperature Cycling Range : -40°C ~ +85°C
 Norminal Module Operating Temperature : 42±2 °C
 Temperature Coefficient of Isc : 0.0629%/°C
 Temperature Coefficient of Voc : -0.3462%/°C
 Temperature Coefficient of Pmax : -0.4494%/°C

Mechanical Data

Module Dimension : 1675×992×35mm
 Weight : 18.8kg
 Snow/Wind Load : 5400/2400 Pa
 Number of Cells : 120pcs
 Thickness of Glass : 3.2mm
 Junction Box: IP68, 3 Diodes
 Connector: HTC-16, IP68

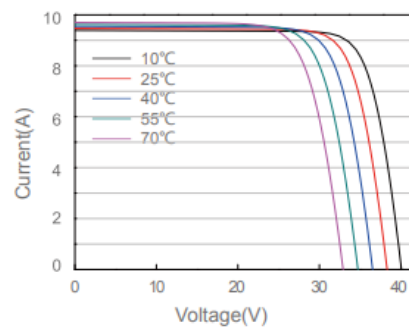
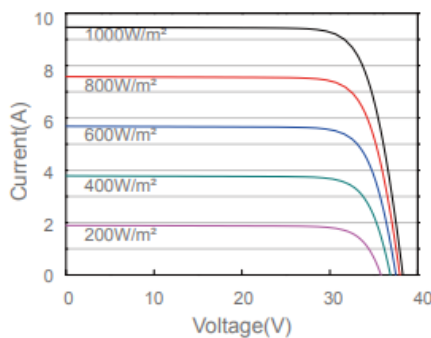
Guarantee

10-year warranty on materials & workmanship
 25-year linear power output warranty

Packaging Configuration

Modules Per Pallet: 31pcs
 Modules Per 40' HQ : 806pcs

295W Poly Module I-V Curve



STC: Irradiance 1000W/m² Temperature 25°C AM=1.5
 NMOT: Irradiance 800W/m² Temperature 20°C Wind Speed 1m/s