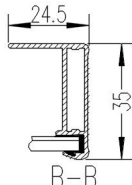
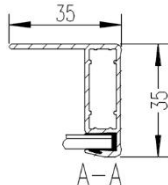
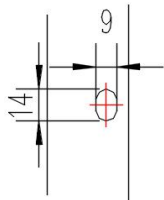
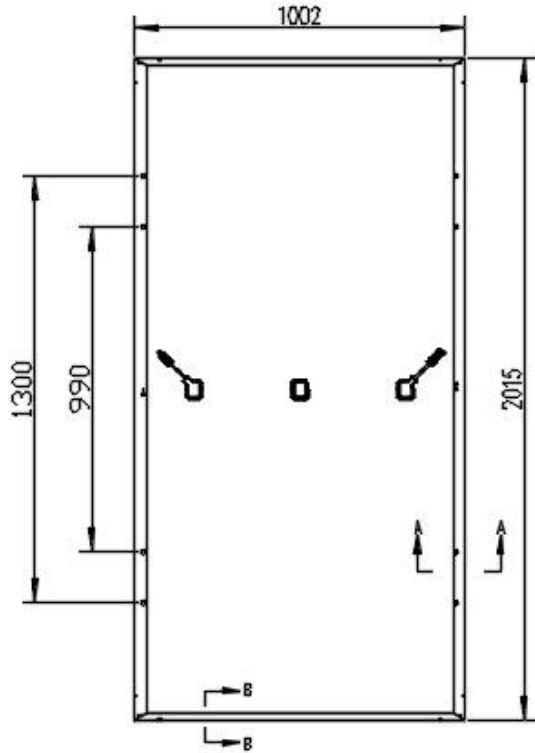
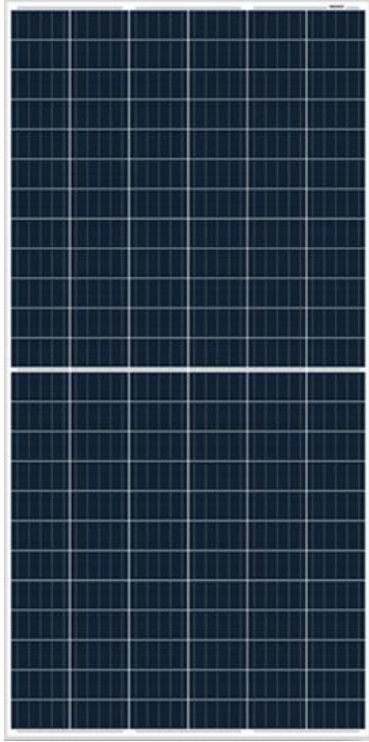


## SOLAR MODULE

LNMH144-XXX(390W-410W)

Mono / 5 Busbar / 144 half cells



Unit:mm

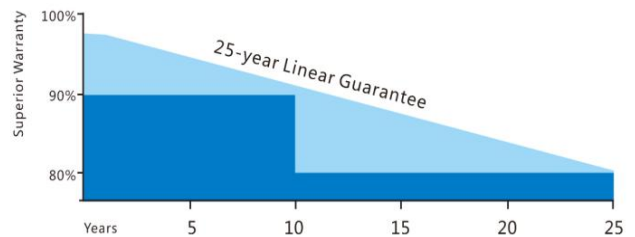
### Key Features

- 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
- Pass ammonia and salt mist test
- Unique circuit design to reduce shading loss
- Reduced hot spot risk

### 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 Mono-crystalline Modules: 3.0 % in the first year, thereafter 0.68% per year, ending with 80.68% in the 25th year after the Warranty Start Date;

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

LNMH144-XXX(390W-410W)

Mono / 5 Busbar / 144 half cells

### Electrical Parameters@STC

Pmax (W) 0-+5W	Umpp (V)	Impp(A)	Uoc (V) ±3%	Isc(A) ±3%	Module Efficiency	Max System Voltage	Max Series Fuse
390	40.51	9.63	48.87	10.27	19.32%	1500V/1000V	20A
395	40.81	9.68	49.17	10.32	19.56%	1500V/1000V	20A
400	41.13	9.73	49.46	10.37	19.81%	1500V/1000V	20A
405	41.42	9.78	49.77	10.43	20.06%	1500V/1000V	20A
410	41.72	9.83	50.08	10.48	20.31%	1500V/1000V	20A

### Temperature Parameter

Temperature Cycling Range:	-40°C ~ +85°C
Norminal Module Operating Temperature:	42±2 °C
Temperature Coefficient of Isc:	0.059%/°C
Temperature Coefficient of Voc :	-0.288 %/°C
Temperature Coefficient of Pmax :	-0.381%/°C

### Mechanical Data

Module Dimension:	2015×1002×35mm
Weight:	23kg
Snow/Wind Load:	5400/2400 Pa
Number of Cells:	144pcs
Thickness of Glass:	3.2mm
Junction Box:	IP68, 3 Diodes
Connector:	HTC-16, IP68

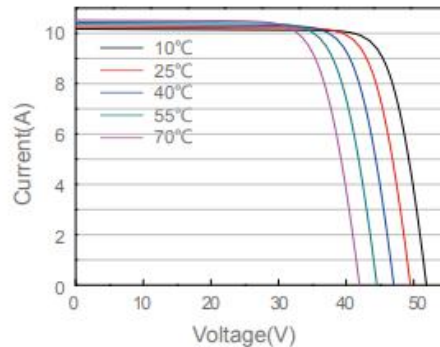
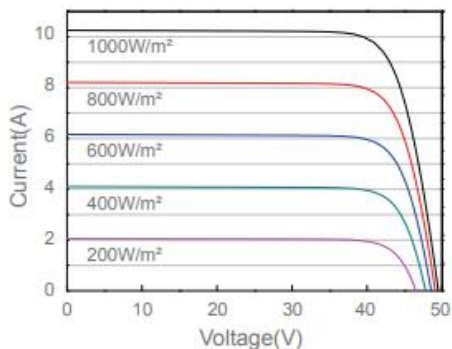
### Guarantee

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

### Packaging Configuration

Modules Per Pallet:	31pcs
Modules Per 40' HQ:	682pcs

### 400W Mono Module I-V Curve



STC: Irradiance 1000W/m<sup>2</sup>    Temperature 25°C    AM=1.5  
 NMOT: Irradiance 800W/m<sup>2</sup>    Temperature 20°C    Wind Speed 1m/s

Specifications subject to technical changes and tests, Linuo Power reserves the right of final interpretation.

To create value to customers