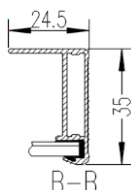
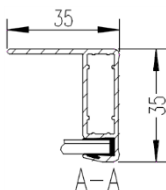
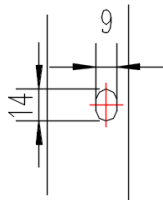
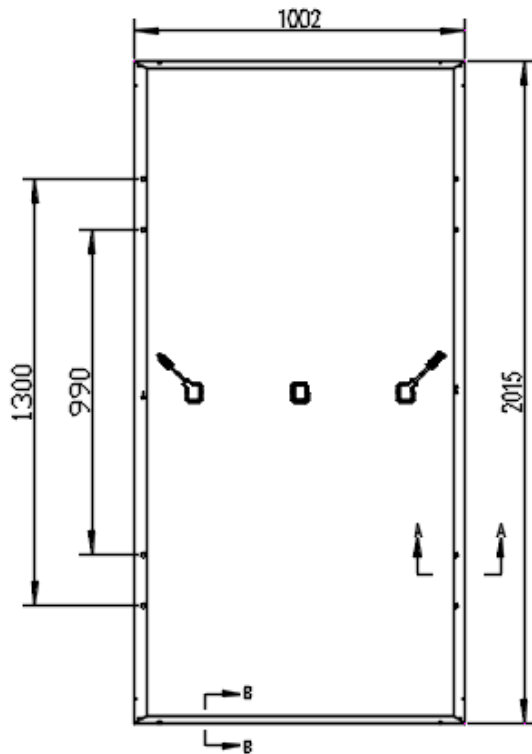
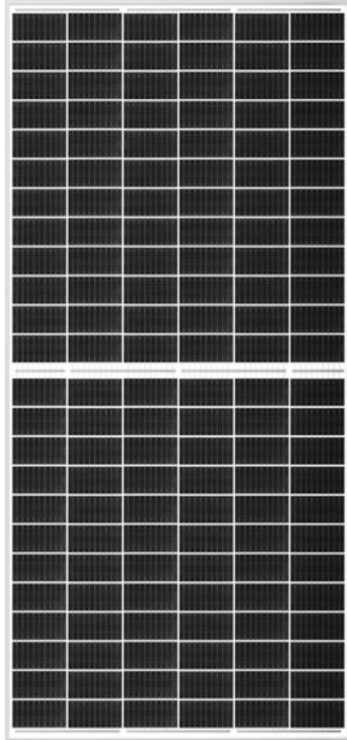


SOLAR MODULE








LNMH144-XXX(395W-415W)

Mono / 9 Busbar / 144 half cells



Unit:mm

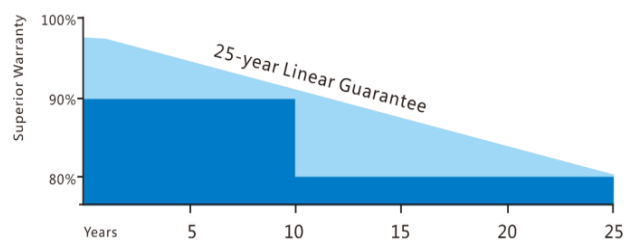
Key Features

-  Increased MBB (Multi Busbar) reflectance ensure higher power
-  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



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 |
|---------------------|------------|---------|------------------|---------------|-------------------|--------------------|-----------------|
| 395 | 40.81 | 9.68 | 49.17 | 10.22 | 19.56% | 1500V/1000V | 20A |
| 400 | 41.13 | 9.73 | 49.46 | 10.27 | 19.81% | 1500V/1000V | 20A |
| 405 | 41.43 | 9.78 | 49.72 | 10.29 | 20.06% | 1500V/1000V | 20A |
| 410 | 41.74 | 9.82 | 50.01 | 10.32 | 20.31% | 1500V/1000V | 20A |
| 415 | 41.98 | 9.88 | 50.22 | 10.38 | 20.55% | 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 |

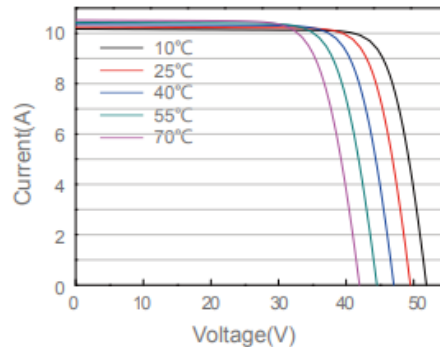
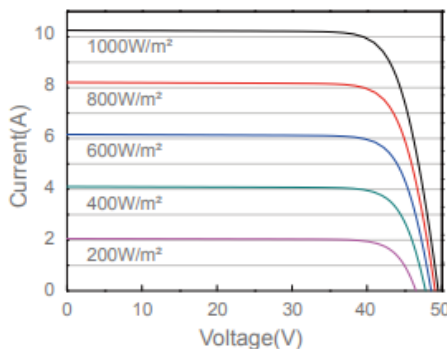
Guarantee

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

Packaging Configuration

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

405W Mono 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