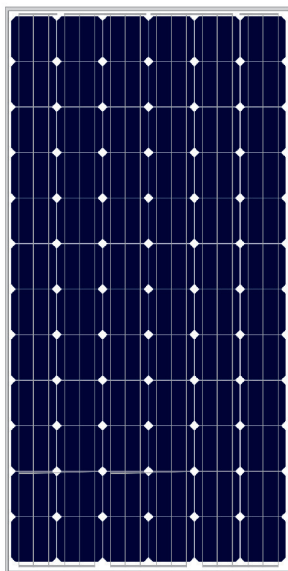








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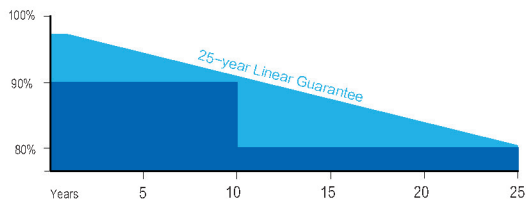


## LN300(36)M-3-xxx(300-325W mono)

### Key Features

-  25 year irrevocable warranty insurance-Solarsafe
-  High performance and power output in low solar irradiation
-  Anti-reflective and self-cleaning surface reduces power loss from dirt and dust
-  Certified to withstand increased snow loads of up to 5400pa and wind loads of up to 2400pa
-  High salt and ammonia resistance certified by TUV Nord
-  Top-Ranking in STS Long-term Test




### Superior Warranty



### 25-year Linear Power Output Warranty

In the first year of warranty, the peak power of poly-crystalline module should be no less than 97.5% of the rated power (Pmax.) and 96.5% for mono-crystalline module. At the end of the 25th year, power of modules should be at least 80% of rated power. The annual decline in performance is 0.729% maximum for poly-crystalline modules and 0.68% for mono-crystalline modules.

### Reliable Quality

-  Power output: Positive tolerance of up to 5W
-  100% EL 3 times-inspection ensures modules are defect free
-  10 year product warranty, 25 year linear performance warranty

### Comprehensive Certificates

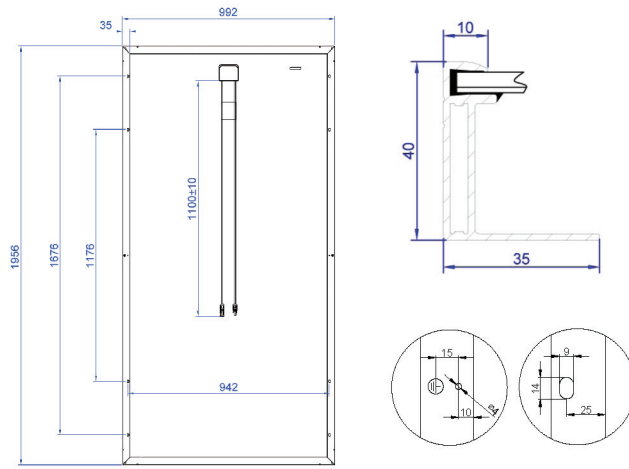
- IEC61215, IEC61730, UL1703
- TUV, UL, JET, Golden Solar, J-PEC, CEC, MCS, CE
- ISO9001:2008
- ISO14001:2004
- OHSAS 18001:1999:



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



## ■ Engineering Drawings



## ■ Temperature Coefficient

temperature cycling range	-40°C to +85°C
nominal operating cell temperature	46 ± 2 °C
temperature coefficient of Isc:	0.053%/°C
temperature coefficient of Voc	-0.331%/°C
temperature coefficient of Pmax	-0.429%/°C

## ■ Warranty

10 years warranty on materials workmanship and module defect.

25 years performance warranty( 10 years at 90%, 25 years at 80%)

## ■ Electrical Parameters

Pmax (W)	Umpp (V)	Impp (A)	Uoc (V)	Isc (A)	FF	Module Efficiency	Max System Voltage	Max Series Fuse
300	36.5	8.22	45.82	8.81	74.32%	15.46%	1000V	15A
305	36.84	8.28	45.97	8.85	74.98%	15.72%	1000V	15A
310	37.22	8.33	46.15	8.87	75.74%	15.98%	1000V	15A
315	37.55	8.39	46.3	8.92	76.28%	16.23%	1000V	15A
320	37.87	8.45	46.46	8.95	76.96%	16.49%	1000V	15A
325	38.24	8.5	46.66	8.99	77.49%	16.75%	1000V	15A

**STC:**  Irradiance 1000W/ m<sup>2</sup>

**NOCT:**  Irradiance 800W/ m<sup>2</sup>

 Module: Temperature 25°C

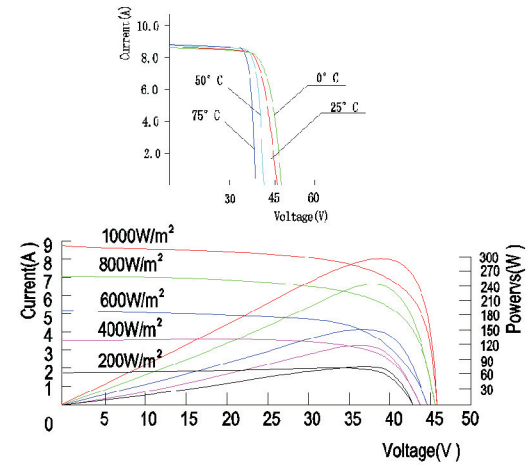
 Module: Temperature 20°C

 AM=1.5

 AM=1.5

 Wind Speed 1m/s

## ■ I-V Curve



## ■ Mechanical Data

module dimension:	1956 × 992 × 40mm
weight:	23.5kg
mechanical load:	5400 pascals
number of cells:	72pcs
thickness of glass:	4.0mm

## ■ Packaging Configuration

modules per pallet:	26 pcs
modules per 40' HQ:	572 pcs

