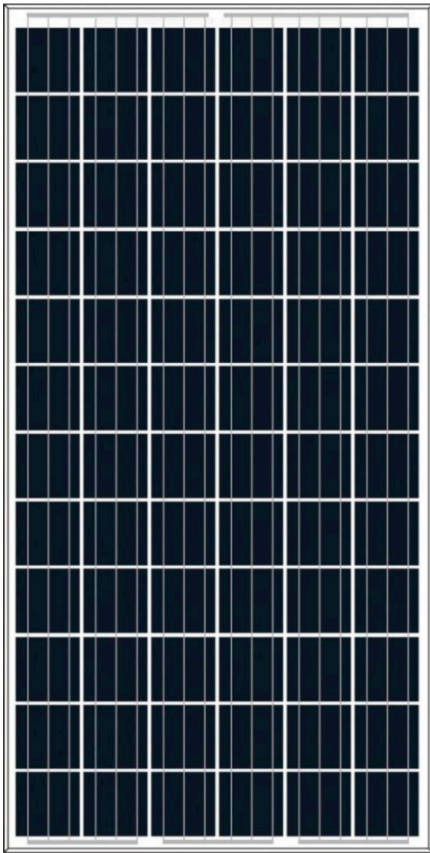









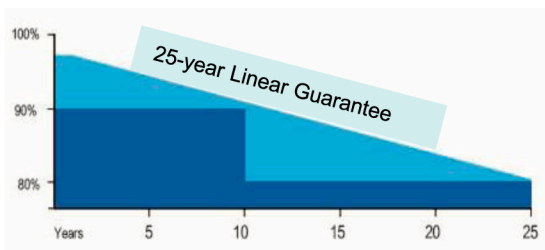
LN280(36)P-3-xxx (290-315W poly)






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
-  Assurance: German Contract Partner and German law

Superior Warranty



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, PV Cycle, Golden Solar, J-PEC, CEC, MCS, CE
- ISO9001:2008
- ISO14001:2004
- OHSAS 18001:1999:

25-year Linear Power Output Warranty

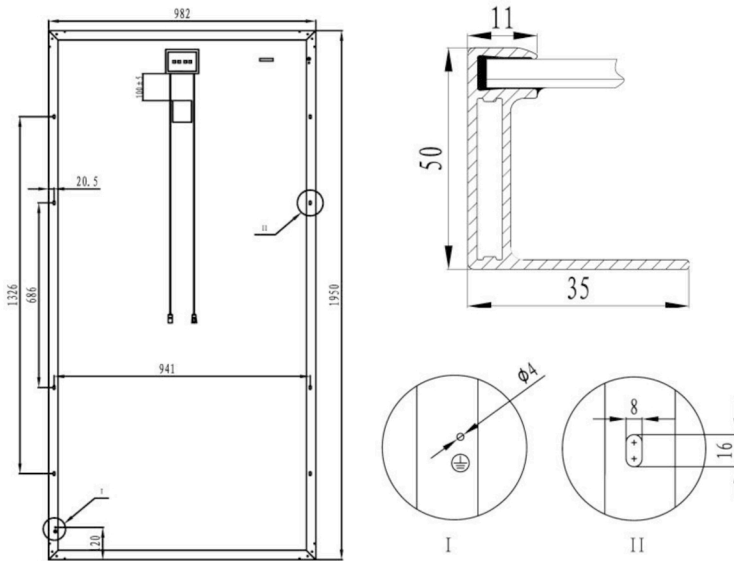
In the first year of warranty, the peak power of polycrystalline module should be no less than 97.5% of the rated power (Pmax.) and 96.5% for mono-crystalline module. At the end of the 25th year, power of modules should be at least 80% of rated power. The annual decline in performance is 0.729% maximum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



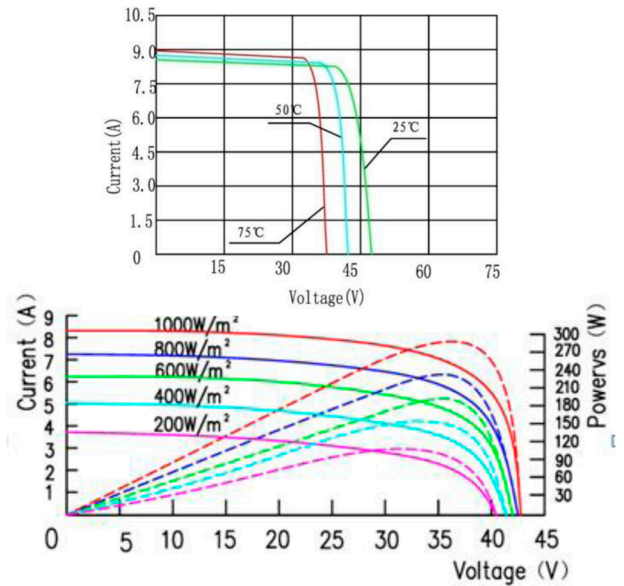
Specification subject to technical changes and tests. Linuo Power reserves the right of final interpretation



Engineering Drawings



I-V Curve



Temperature Coefficient

Temperature Cycling Range	-40°C to +85°C
Norminal Operating Cell Temperature	48 °C
Temperature Coefficient of Isc:	0.058%/°C
Temperature Coefficient of Voc	-0.389%/°C
Temperature Coefficient of Pmax	-0.460%/°C

Mechanical Data

Module Dimension:	1950*982*50mm
Weight:	23.5kg
Mechanical Load:	5400 pascals
Number of Cells:	72pcs
Thickness of Glass:	4.0mm

Guarantee

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

Packaging Configuration

Modules per Pallet:	20 pcs
Modules per 40' HQ:	440 pcs

Electrical Parameters

Pmax (W)	Uoc (V)	Isc (A)	Umpp (V)	Impp (A)	FF	Module Efficiency	Max System Voltage	Max Series Fuse
290	44.7	8.53	36.39	7.97	76.07%	15.14%	1000V	15A
295	44.82	8.62	36.56	8.07	76.37%	15.41%	1000V	15A
300	44.94	8.72	36.86	8.14	76.57%	15.67%	1000V	15A
305	45.06	8.83	37.02	8.24	76.67%	15.93%	1000V	15A
310	45.18	8.92	37.26	8.32	76.92%	16.19%	1000V	15A
315	45.26	9.02	37.46	8.41	77.17%	16.45%	1000V	15A

STC:  Irradiance 1000W/m²  Module Temperature 25°C  AM=1.5

NOCT:  Irradiance 800W/m²  Module Temperature 20°C  AM=1.5  Wind Speed 1m/s

* Special product,pls consult Linuo Power if you have demand