



LINUO SOLAR 530-555W



Monocrystalline PV Module
LSSMH144P Series (182)



MBB & Half Cut cell technology



Guaranteed 0~+5W positive tolerance to ensure power output



Dual stage 100% EL Inspection Warranting Defect-Free Product



Ammonia & salt mist resistant



Excellent mechanical load 2400Pa and snow load 5400Pa resistance



Lower BOS cost and LCOE

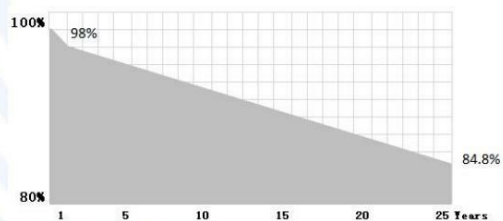


Excellent PID resistance.

Comprehensive Certificates

- IEC61215, IEC61730
- TUV, CE
- ISO9001: 2015
- ISO14001: 2015
- ISO45001: 2018

Superior Warranty



Shandong Linuo Solar Power Technology Co.,Ltd
Add: No.30766 Jingshidong Road, Jinan Zone, CHINA(Shandong) Pilot Free Trade Zone
Web: <http://en.linuopv.com/>

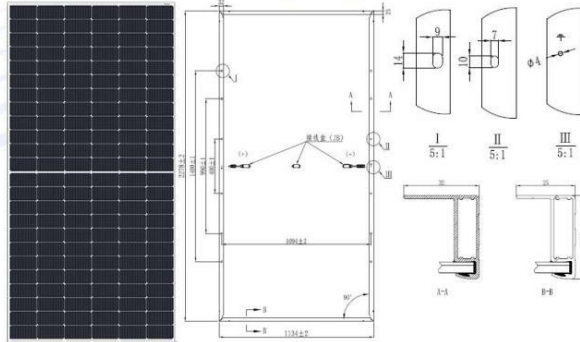


LINUO SOLAR

LSSMH144P-530~555W

Mechanical Specifications @STC

| | |
|---------------------|---|
| Solar Cells: | Mono |
| Number of Cells: | 144pcs |
| Module Dimension : | 2278×1134×35mm |
| Weight: | 28.5 kg |
| Snow/Wind Load: | 5400/2400 Pa |
| Thickness of Glass: | 3.2mm |
| Junction Box: | IP68, 3 Diodes |
| Connector: | HTC-16, IP68 |
| Length: | (+)290mm /(-)290mm(including connector) |



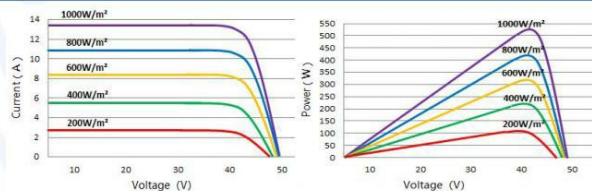
Electrical Specifications @STC

| Pmax (W) 0~+5W | Umpp (V) | Impp(A) | Uoc (V) ±3% | Isc(A) ±3% | Module Efficiency | Max System Voltage | Max Series Fuse |
|-------------------|----------|---------|----------------|---------------|----------------------|--------------------|-----------------|
| 530 | 40.69 | 13.03 | 49.19 | 13.47 | 20.52% | 1500V | 25A |
| 535 | 40.84 | 13.11 | 49.36 | 13.55 | 20.71% | 1500V | 25A |
| 540 | 41.03 | 13.17 | 49.47 | 13.64 | 20.90% | 1500V | 25A |
| 545 | 41.16 | 13.25 | 49.61 | 13.72 | 21.10% | 1500V | 25A |
| 550 | 41.29 | 13.33 | 49.72 | 13.81 | 21.29% | 1500V | 25A |
| 555 | 41.42 | 13.40 | 49.87 | 13.88 | 21.48% | 1500V | 25A |

Temperature Parameter

| | |
|--------------------------------------|---------------|
| Temperature Cycling Range: | -40°C ~ +85°C |
| Normal Module Operating Temperature: | 45±2 °C |
| Temperature Coefficient of Isc: | 0.048%/°C |
| Temperature Coefficient of Voc : | -0.252 %/°C |
| Temperature Coefficient of Pmax : | -0.332%/°C |

I-V Curve LSSMH144-540W



Packaging Configuration

| | |
|---------------------|--------|
| Modules Per Pallet: | 31pcs |
| Modules Per 40' HQ: | 620pcs |

Guarantee

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

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

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