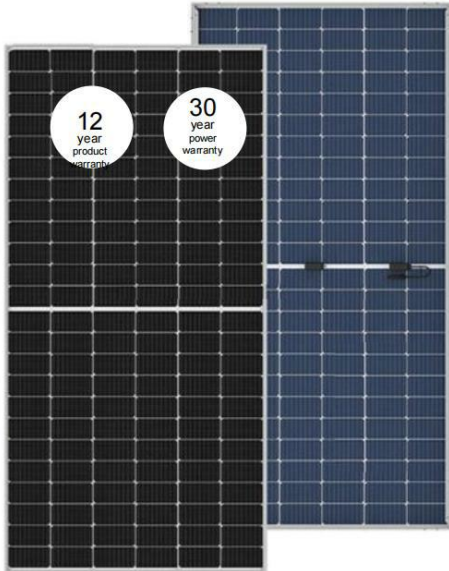




# LINUO SOLAR 525-550W

Monocrystalline PV Module  
LSDMH144P Series (182)



10BB & Half Cut cell technology



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



Dual stage 100% EL Inspection Warranting Defect-Free Product



Less hot spot & shading effects



Higher Output Power



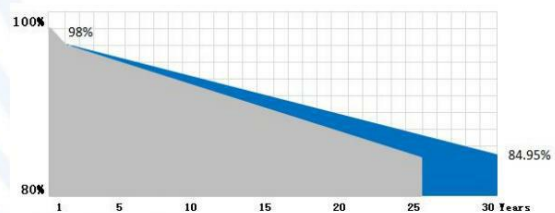
Lower BOS cost and LCOE

## Comprehensive Certificates

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



## Superior Warranty



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

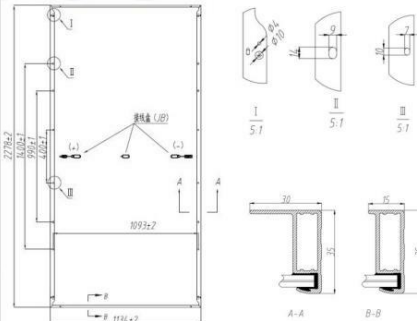


**LINUO SOLAR**

**LSDMH144P-525~550W**

**Mechanical Specifications @STC**

Solar Cells: Mono  
 Number of Cells: 144pcs  
 Module: 2278×1134×35mm  
 Weight: 32.8 kg±3%  
 Snow/Wind Load: 5400/2400 Pa  
 Thickness of Glass: dual 2.0mm  
 Junction Box: IP68, 3 Diodes  
 Connector: HTC-16, IP68  
 Length: (+)290mm /(-)290mm(including connector)



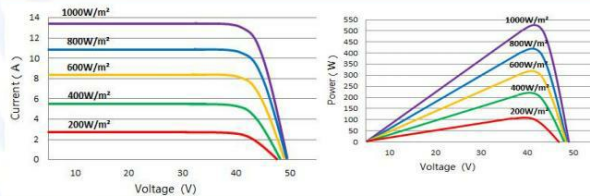
**Electrical Specifications @STC**

Pmax (W) 0~5W	Umpp (V)	Impp(A)	Uoc (V) ±3%	Isc(A) ±3%	Module Efficiency	Max System Voltage	Max Series Fuse	Bifacial Gain 5% (W)	Bifacial Gain 15% (W)	Bifacial Gain 25% (W)
525	40.54	12.96	49.04	13.40	20.32%	1500V	30A	551	604	656
530	40.69	13.03	49.19	13.47	20.52%	1500V	30A	557	610	663
535	40.84	13.11	49.36	13.55	20.71%	1500V	30A	562	615	669
540	41.03	13.17	49.47	13.64	20.90%	1500V	30A	567	621	675
545	41.16	13.25	49.61	13.72	21.10%	1500V	30A	572	627	681
550	41.29	13.33	49.72	13.81	21.29%	1500V	30A	578	633	688

**Temperature Parameter**

Temperature Cycling Range: -40°C ~ +85°C  
 Normal Module Operating Temperature: 45±2 °C  
 Temperature Coefficient of Isc: 0.028%/°C  
 Temperature Coefficient of Voc: -0.302 %/°C  
 Temperature Coefficient of Pmax: -0.414%/°C

**I-V Curve LSDMH144-540W**



**Packaging Configuration**

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

**Guarantee**

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

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

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