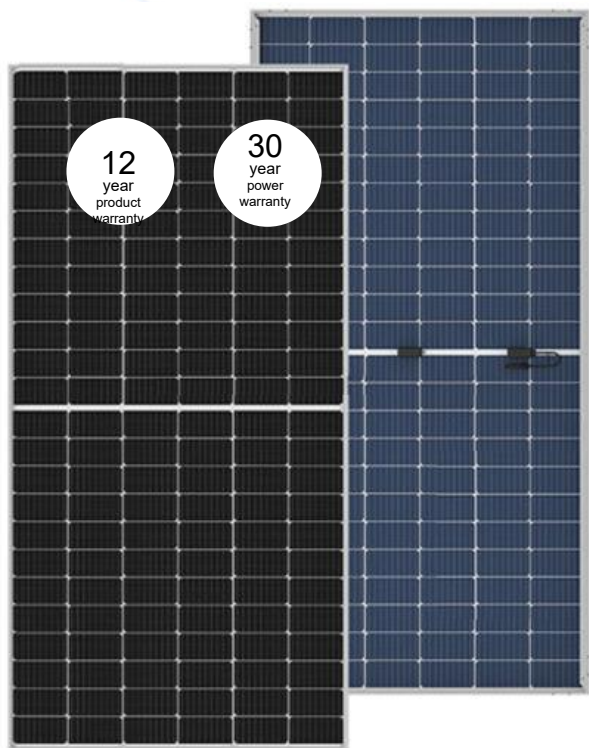




LINUO SOLAR 525-550W

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



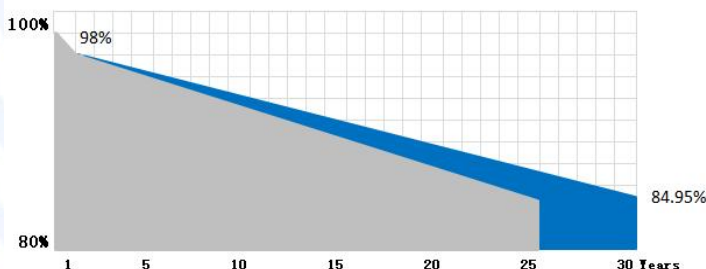
Lower BOS cost and LCOE

Comprehensive Certificates

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



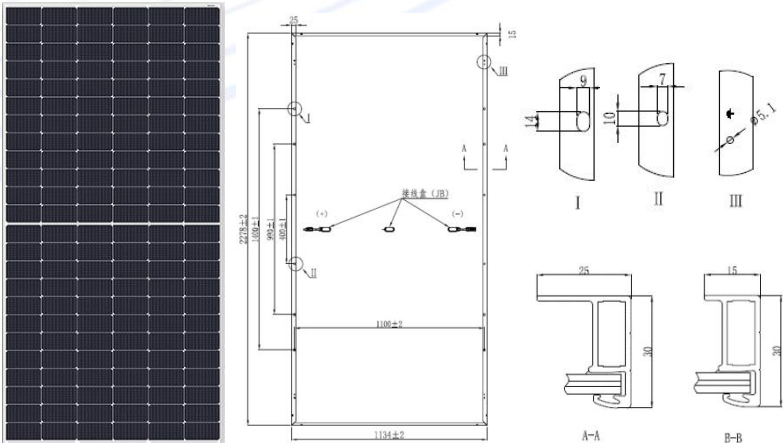
Superior Warranty





Mechanical Specifications @STC

Solar Cells: Mono
Number of Cells: 144pcs
Module: 2278×1134×30mm
Weight: 31.5 kg±3%
Snow/Wind Load: 5400/2400 Pa
Thickness of Glass: dual 2.0mm
Junction Box: IP68, 3 Diodes
Connector: HTC-16, IP68
Length: (+)250mm /(-)300mm(including connector)



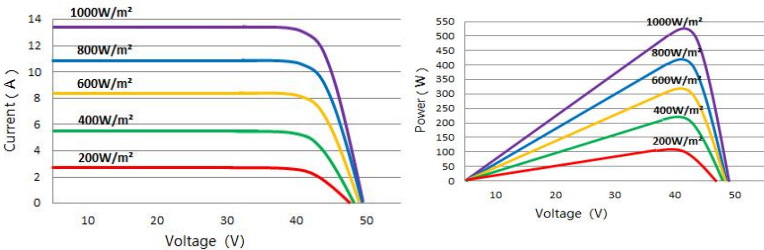
Electrical Specifications @STC

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℃ ~ +85℃
Norminal Module Operating Temperature: 45±2 ℃
Temperature Coefficient of Isc: 0.028%/℃
Temperature Coefficient of Voc : -0.302 %/℃
Temperature Coefficient of Pmax : -0.414%/℃

I-V Curve LSDMH144P-545W



Packaging Configuration

Modules Per Pallet: 36pcs
Modules Per 40 ' HQ: 720pcs

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.