



LINUO SOLAR 420W-435W

Topcon

Monocrystalline PV Module
LSTDMH108P Series (182)



SMBB technology, higher component power



Double-sided power generation



Dual stage 100% EL Inspection



Lower power attenuation higher generation returns



N-type double glass, excellent PID resistance



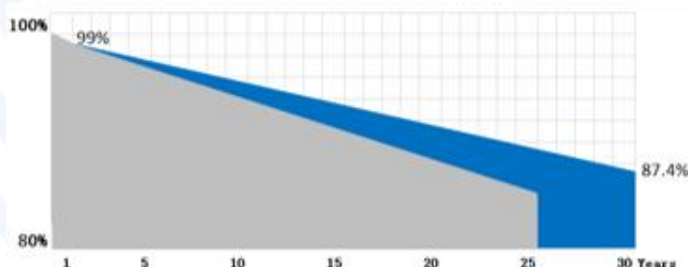
Ammonia & salt mist resistant

Comprehensive Certificates

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



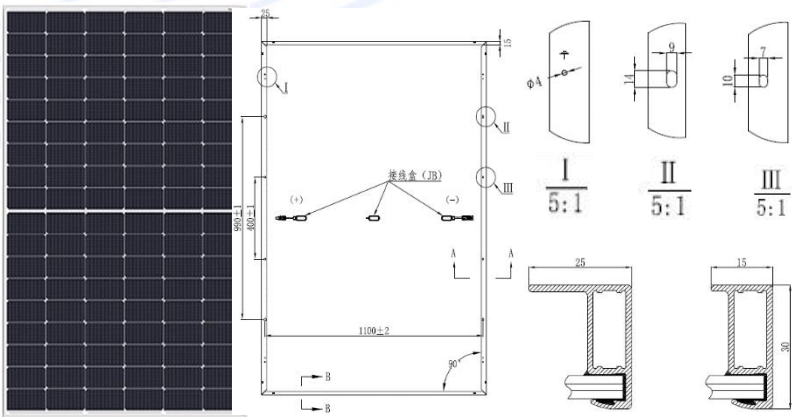
Superior Warranty





Mechanical Specifications @STC

Solar Cells: Mono
Number of Cells: 108pcs
Module: 1722×1134×30mm
Weight: 24 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)



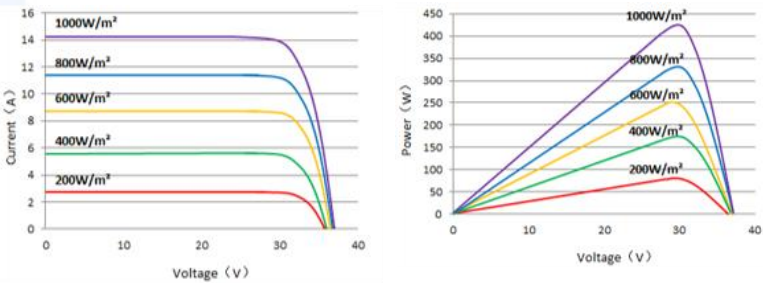
Electrical Specifications @STC

Pmax (W) 0~+5W	Umpp (V)	Imp(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)
420	31.82	13.20	38.19	14.05	21.51%	1500V	30A	437	470	504
425	32.12	13.24	38.55	14.08	21.76%	1500V	30A	442	476	510
430	32.26	13.34	38.71	14.17	22.02%	1500V	30A	447	482	516
435	32.42	13.42	38.90	14.25	22.28%	1500V	30A	452	487	522

Temperature Parameter

Temperature Cycling Range: -40℃ ~ +85℃
Norminal Module Operating Temperature: 45±2 ℃
Temperature Coefficient of Isc: 0.042%/℃
Temperature Coefficient of Voc : -0.257%/℃
Temperature Coefficient of Pmax : -0.330%/℃
Bifacial Ratio: 80%±5%

I-V Curve LSTDMH108P-430W



Packaging Configuration

Modules Per Pallet: 36pcs
Modules Per 40 ' HQ: 936pcs

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.