

Monocrystalline PV Module
LNMH144 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



Less hot spot & shading effects



Excellent mechanical load 2400Pa and snow load 5400Pa resistance



Lower BOS cost and LCOE

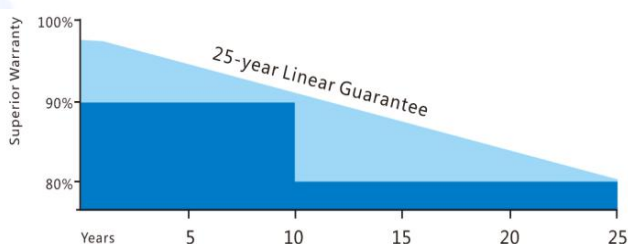


Excellent PID resistance.

Comprehensive Certificates

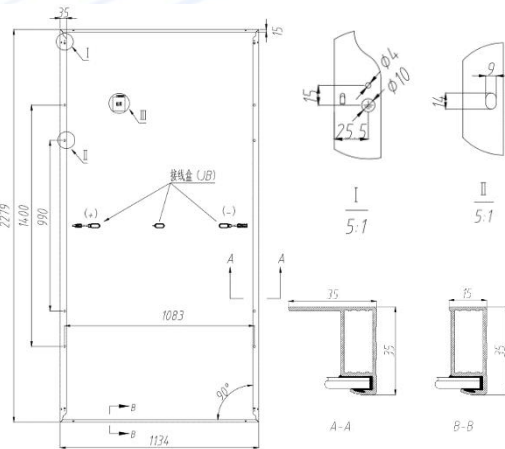
- IEC61215, IEC61730
- TUV, CE
- ISO9001: 2015
- ISO14001: 2015
- ISO45001: 2018

Superior Warranty



Mechanical Specifications @STC

Solar Cells:	Mono
Number of Cells:	144pcs
Module Dimension :	2279×1134×35mm
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)



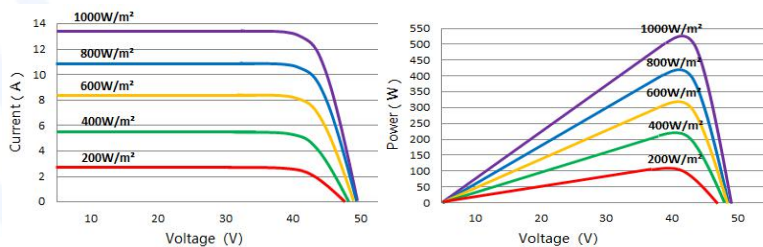
Electrical Specifications @STC

Pmax (W) 0-+5W	Umpp (V)	Impp(A)	Uoc (V) ±3%	Isc(A) ±3%	Module Efficiency	Max System Voltage	Max Series Fuse
525	40.54	12.96	49.04	13.40	20.31%	1500V/1000V	25A
530	40.69	13.03	49.19	13.47	20.51%	1500V/1000V	25A
535	40.84	13.11	49.36	13.55	20.70%	1500V/1000V	25A
540	41.03	13.17	49.47	13.64	20.89%	1500V/1000V	25A
545	41.16	13.25	49.61	13.72	21.09%	1500V/1000V	25A
550	41.29	13.33	49.72	13.81	21.28%	1500V/1000V	25A

Temperature Parameter

Temperature Cycling Range:	-40°C ~ +85°C
Norminal Module Operating Temperature:	42±2 °C
Temperature Coefficient of Isc:	0.059%/°C
Temperature Coefficient of Voc :	-0.288 %/°C
Temperature Coefficient of Pmax :	-0.381%/°C

I-V Curve LNMH144-540W



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.