



POLYCRYSTALLINE MODULE

1652mm X 992mm X 42mm

MCS LNPV-156*156-60F (220-235w, in increment of 5)



Why Linuo Panels

25 year performance guarantee (10 yrs at 90%, 25 yrs at 80%)

25 years product warranty 100% insured by Aon worldwide, covering material defects & ageing, manufacturing defects & improper workmanship. (The only Chinese Solar Manufacturer awarded this cover)

Fully automated manufacturing process ensuring that each panel is made to our exacting standards.

100% EL testing before and after lamination

Double 'A' rated silicon sourced from our own mine, linuo panels are globally bankable, suitable for financial institutions and other investors.

6 by-pass diodes per panel, if part of a panel is shaded, or covered with snow the diodes enable power to still be produced.

High performance in low solar irradiation.

Power tolerances of only **0 - + 3%** (no negative tolerances)

5400pa snow load and 2400pa wind load.

Resistance to ammonia & salt mist corrosion.

All our products are globally certified, including; MCS TUV, UL, VDE etc.

Offices and warehouses in Europe - UK, Germany and Holland.

Products Purchased in **£ GBP** for UK market.

Available Panels

Polycrystalline 230w

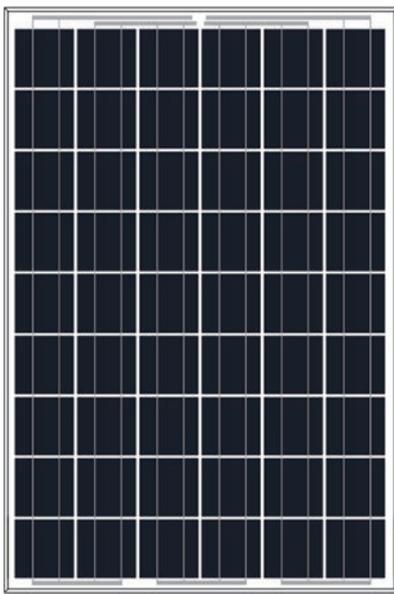
Polycrystalline 235w

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Electrical Data

Pmax (W)	Uoc (V)	Isc (A)	Umpp (V)	Impp (A)	FF	Module Efficiency	Max System Voltage	Max Series Fuse
220W	36.18	7.98	29.94	7.35	76.22%	14.21%	1000V	15A
225W	36.45	8.09	30.25	7.44	76.32%	14.25%		
230W	37.08	8.11	30.54	7.55	76.68%	14.34%		
235W	37.23	8.18	30.92	7.60	77.16%	14.81%		

Temperature Rating

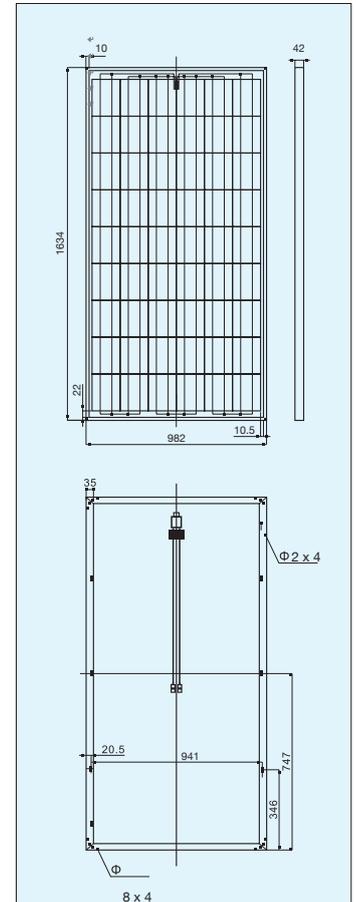
Temperature Cycling Range	-40°C to +85 °C
Norminal Operating Cell Temperature	48 °C
Temperature Coefficient of Isc	0.034% / °C
Temperature Coefficient of Voc	-0.326% / °C
Temperature Coefficient of Pmax	-0.467% / °C

Mechanical Data

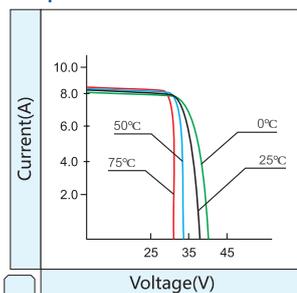
Module Dimensions	1652 * 992 * 42 mm
Weight	17.5 kg
Mechanical Load	2400 pascals
Number of Cells	54 pcs
Thickness of Glass	3.2 mm

Module Diagram

Dimension is in mm



Dependence of the thermal



Dependence of the solar performance

