

Poly 250-310w 1966×992×50

Performance

Rated power(Pmax) 250~310W

Power tolerance: 0~3%

Mechanical Characteristics

Solar Cells 72 cells(156mm*156mm)in a 6*12 matrix connected in series

Junction Box Junction box with 4-terminal connection block;IP65;Junction connector matches in MC4;

Fittings accepting 4mm² diameter cable.

Diodes Three by-pass diodes included

Construction Front: High-transmission 4mm tempered glass;

Back: White Polyester;

Encapsulant: EVA.

Frame AL Alloy type 6063T5

(Anodized , Electrophoresis or Matt Oxidized)

Universal frame; Color: Silver or Black.

Weight 23.5Kg.

■ 1.Module Warranty:25-year limited warranty of 80% power output;10-year limited warranty of 90% power output; 10-year limited warranty of materials and workmanship.

■ 2.This data represents the performance of typical LINUO POWER modules, and are based on measurements made in accordance with STC.

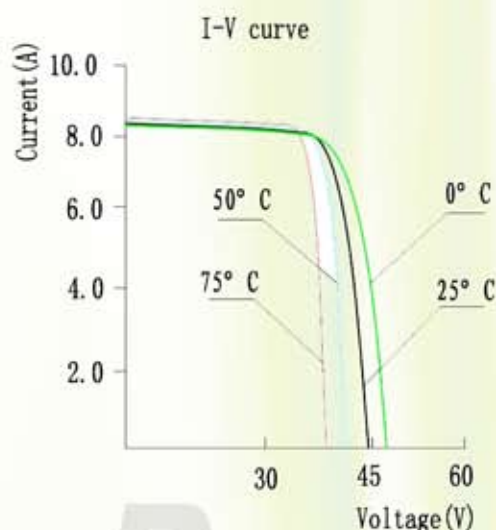


Electrical Characteristics

Pmax(W)	Uoc(V)	Isc (A)	Umpp (V)	Impp (A)	FF	Temperature coefficient	
270	43.27	8.16	35.67	7.57	76.47%	Isc(α) 0.034%/°C Voc(β) -0.326%/°C Pmax(γ) -0.467%/°C	
275	43.63	8.23	36.10	7.62	76.61%		
280	43.85	8.32	36.32	7.71	76.76%		
285	44.21	8.39	36.68	7.77	76.83%		
290	44.35	8.47	36.85	7.87	77.2%		

Qualification Test Parameters

Temperature cycling range	-40℃ to +85℃
Humidity freeze, damp heat	85%RH
Static load front and back	2400 pascals
Front loading (e.g.snow)	5400 pascals
Hailstone impact	25mm at 23m/s



Reliable Power