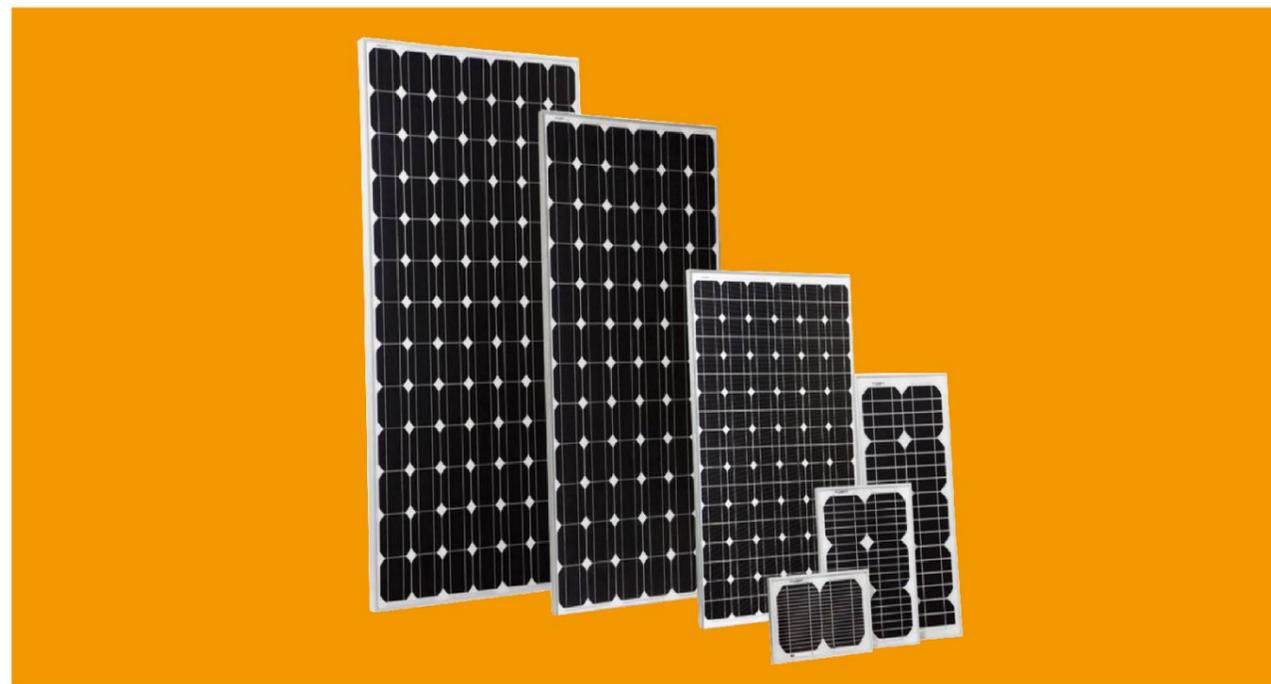


Solar Panels

Monocrystalline Series 100W-310W



Features :

- Long service life .
- High efficiency solar cells .
- Special aluminum frame design.
- High transmission, low iron tempered glass.
- Advanced cell encapsulation.

Applications :

- Solar power stations.
- Rural electrification, small home power systems.
- Power supply for traffic, security, gas industry.
- 12V and 24V battery charging system.
- Other industrial and commercial applications.

Guaranteed Performance :

- 10 years manufacturing warranty
- 12 years 90% power warranty
- 25 years 80% power warranty

100W/105W

Cells	
Cell type	Monocrystalline 125*125mm
Number of cells	36(4*9)
Dimension	1200*540*30mm
Net.weight	8.5kg
Front glass	3.2mm tempered low iron
Frame	Anodized aluminum
Junction box	IP67, with bypass diodes
Connector	MC4 compatible
Output cables	TUV, 900mm length, 4.0mm ²

Electrical characteristics		
Pmax(W)	100W	105W
Isc(A)	5.82	6.01
Voc(V)	22.1	22.2
Imp(A)	5.46	5.65
Vmp(V)	18.3	18.6
Efficiency(%)	16.5	16.9
Power tolerance	0~+3%	

150W/155W/160W

Cells	
Cell type	Monocrystalline 156*156mm
Number of cells	36(4*9)
Dimension	1480*380*35mm
Net.weight	11.2kg
Front glass	3.2mm tempered low iron
Frame	Anodized aluminum
Junction box	IP67, with bypass diodes
Connector	MC4 compatible
Output cables	TUV, 900mm length, 4.0mm ²

Electrical characteristics			
Pmax(W)	150W	155W	160W
Isc(A)	8.72	8.87	9.02
Voc(V)	22.1	22.3	22.5
Imp(A)	8.2	8.34	8.48
Vmp(V)	18.3	18.6	18.8
Efficiency(%)	16.5	16.7	16.8
Power tolerance	0~+3%		

200W/205W

Cells	
Cell type	Monocrystalline 125*125mm
Number of cells	72(6*12)
Dimension	1580*808*35mm
Net.weight	15.8kg
Front glass	3.2mm tempered low iron
Frame	Anodized aluminum
Junction box	IP67, with bypass diodes
Connector	MC4 compatible
Output cables	TUV, 900mm length, 4.0mm ²

Electrical characteristics		
Pmax(W)	200W	205W
Isc(A)	5.9	6.03
Voc(V)	44.5	44.55
Imp(A)	5.54	5.66
Vmp(V)	36.1	36.2
Efficiency(%)	16.4	16.6
Power tolerance	0~+3%	

250W/255W/260W/265W/270W

Cells	
Cell type	Monocrystalline 156*156mm
Number of cells	60(6*10)
Dimension	1640*992*40mm
Net.weight	18.5kg
Front glass	3.2mm tempered low iron
Frame	Anodized aluminum
Junction box	IP67, with bypass diodes
Connector	MC4 compatible
Output cables	TUV, 900mm length, 4.0mm ²

Electrical characteristics					
Pmax(W)	250W	255W	260W	265W	270W
Isc(A)	8.74	8.85	8.89	9.02	9.07
Voc(V)	37.3	37.4	38	38.3	37.8
Imp(A)	8.21	8.32	8.35	8.48	8.51
Vmp(V)	30.5	30.6	31.1	31.3	31.7
Efficiency(%)	16.1	16.2	16.3	16.4	16.6
Power tolerance	0~+3%				

300W/305W/310W

Cells	
Cell type	Monocrystalline 156*156mm
Number of cells	72(6*12)
Dimension	1956*992*40mm
Net.weight	21.5kg
Front glass	3.2mm tempered low iron
Frame	Anodized aluminum
Junction box	IP67, with bypass diodes
Connector	MC4 compatible
Output cables	TUV, 900mm length, 4.0mm ²

Electrical characteristics			
Pmax(W)	300W	305W	310W
Isc(A)	8.9	8.98	9.1
Voc(V)	44.5	44.6	44.8
Imp(A)	8.31	8.43	8.54
Vmp(V)	36.1	36.2	36.3
Efficiency(%)	16.4	16.5	16.7
Power tolerance	0~+3%		