

155W, 160W, 165W, 170W, 175W, 180W, 185W Polycrystalline Solar Panels

Fortune CP Polycrystalline modules are advanced, utilizing polycrystalline cells with anti-reflective coating. Features include: plug and play connectors, high transmission, tempered glass and bypass diodes protection.

The modules have been designed for both grid and off-grid applications such as large commercial systems, residential systems, telecommunication, and many more.

These modules offer superior performance, larger high efficiency cells, providing superior power density.

Applications

- Grid-tie residential systems
- Power plants/solar farms
- Off-grid home/industrial systems
- Water pumping
- Telecommunication
- Rural Electrification

Performance, Warranties

Rated power : 155W to 185W
Power tolerance : 1.5%

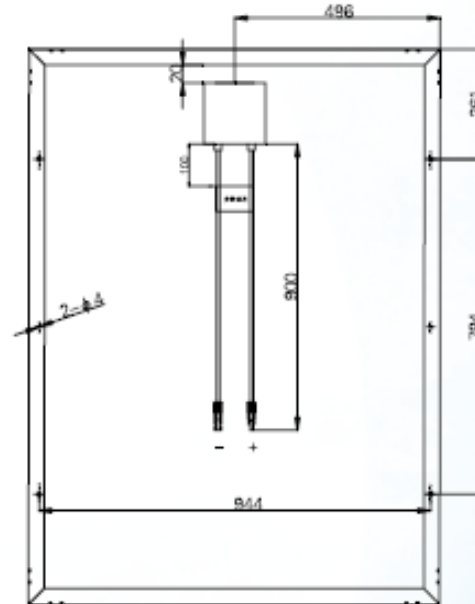
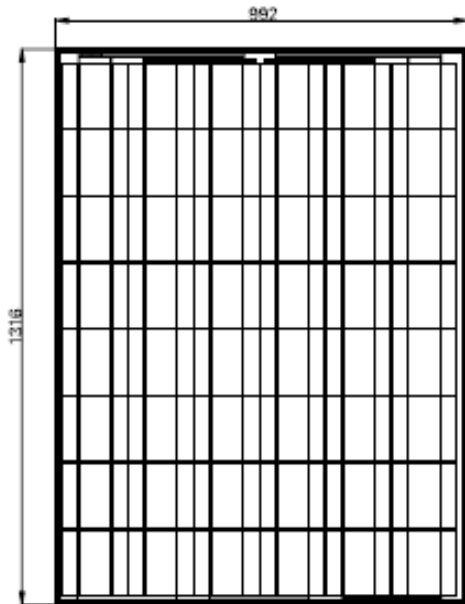
10 year warranty - At least 90% of rated output
25 year warranty - At least 80% of rated output
5 years materials and workmanship



SPECIFICATIONS

Module Type		FCSR185P	FCSR180P	FCSR175P	FCSR170P	FCSR165P	FCSR160P	FCSR155P
		185W	180W	175W	170W	165W	160W	155W
Maximum Power	Pm(W)	189.9	184.9	179.9	174.9	169.9	164.9	159.9
Tolerance	(%)	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5
Open Circuit Voltage	Voc(V)	29.38	29.14	28.85	28.80	28.75	28.70	28.70
Short Circuit Current	Isc(A)	8.23	8.10	7.95	7.72	7.47	7.35	7.24
Maximum Power Voltage	Vm(V)	24.48	24.29	24.10	23.80	23.66	23.42	22.94
Maximum Power Current	Im(A)	7.56	7.41	7.26	7.14	6.97	6.83	6.76
Module Efficiency	(%)	14.13	13.75	13.36	12.98	12.60	12.22	11.84
Solar Cell Efficiency	(%)	16.12	15.62	15.12	14.62	14.12	13.75	13.25
Cell Type	(mm)	156*156 (Poly-Crystalline Silicon)						
Number of Cells	(Pcs)	48						
Maximum System Voltage	(V)	DC1000						
Temp. Coeff. of Voc	(%/°C)	-0.32						
Temp. Coeff. of Isc	(%/°C)	0.04						
Temp. Coeff. of Pm	(%/°C)	-0.35						
Operating Temperature	(°C)	-40 to 85						
Nominal Operating Cell Temperature(MOCT)	(°C)	45±2						
Max.Series Fuse	(A)	15						
Insulation	(MO)	50						
Wind Bearing	(Pa)	≤ 5400						
Pressure Bearing	(Pa)	≤ 2400						

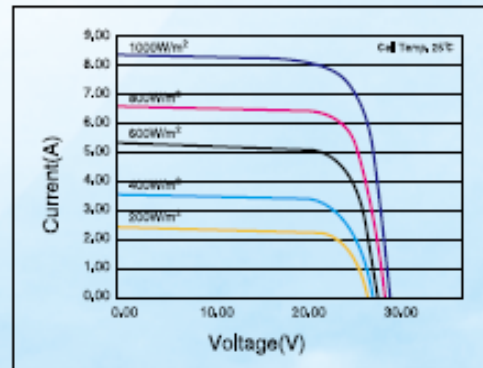
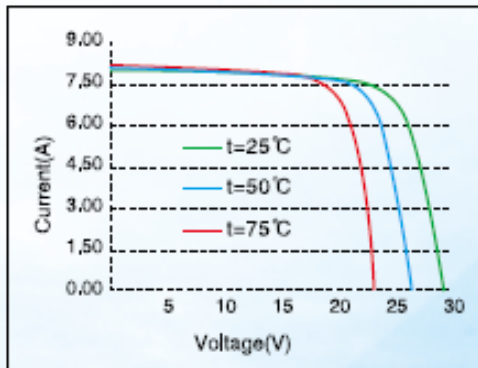
PHYSICAL CHARACTERISTICS Unit:mm



Dimensions	(mm)	1316×992×48
Weight	(kg)	15.6

Packing Configuration	2 pcs/carton
Quantity/Pallet	36 pcs/pallet
Loading Capacity	288 pcs/20ft container
	576 pcs/40ft container

ELECTRICAL CHARACTERISTICS



Panels are manufactured by a factory with the following certificates



Regus House, Victory Way, Admirals Park
Dartford, DA2 6QD, Kent, UK

Tel: (44)1322303070 Fax: (44)1322303072

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