

250W, 255W, 260W, 265W, 270W, 275W, 280W, 285W 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 : 250W to 285W
 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

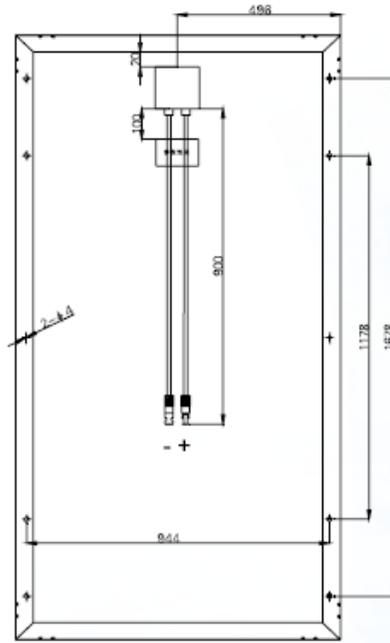
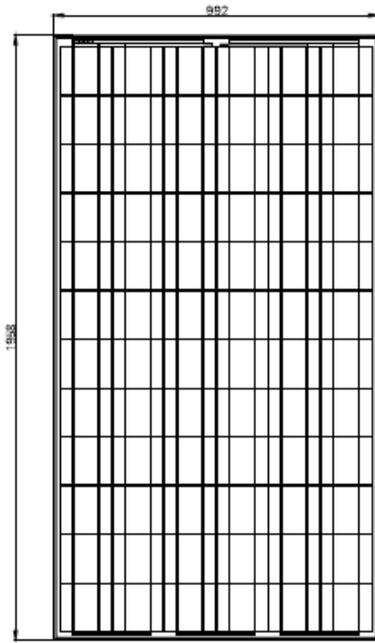


SPECIFICATIONS

Module Type		FCSR285P	FCSR280P	FCSR275P	FCSR270P	FCSR265P	FCSR260P	FCSR255P	FCSR250P
		285W	280W	275W	270W	265W	260W	255W	250W
Maximum Power	Pm(W)	289.9	284.9	279.9	274.9	269.9	264.9	259.9	254.9
Tolerance	(%)	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5
Open Circuit Voltage	Voc(V)	44.21	44.06	43.92	43.70	43.27	43.20	43.20	43.13
Short Circuit Current	Isc(A)	8.32	8.23	8.17	8.10	7.95	7.83	7.72	7.60
Maximum Power Voltage	Vm(V)	36.79	36.72	36.58	36.43	36.14	35.93	35.71	35.57
Maximum Power Current	Im(A)	7.75	7.63	7.52	7.41	7.33	7.24	7.14	7.03
Module Efficiency	(%)	14.61	14.35	14.09	13.84	13.58	13.33	13.07	12.81
Solar Cell Efficiency	(%)	16.37	16.12	15.87	15.62	15.12	14.87	14.62	14.37
Cell Type	(mm)	156×156 (Poly-Crystalline Silicon)							
Number of Cells	(Pcs)	72							
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(NOCT)	(°C)	45±2							
Max.Series Fuse	(A)	15							
Insulation	(MΩ)	50							
Wind Bearing	(Pa)	≤ 5400							
Pressure Bearing	(Pa)	≤ 2400							

STC(Standard Test Conditions): 1000W/m² AM=1.5 25°C

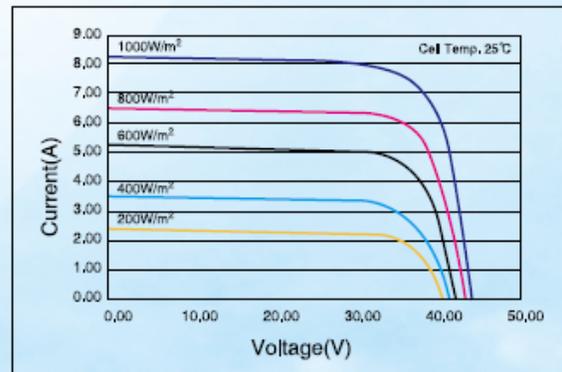
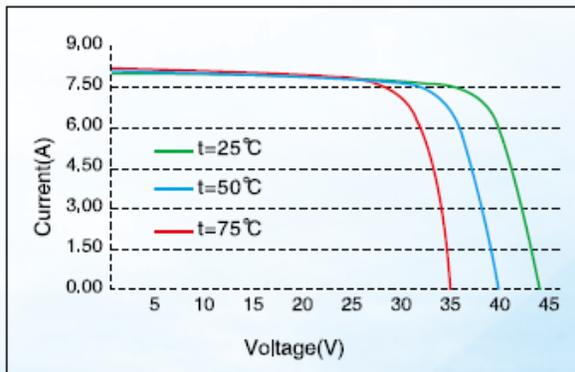
PHYSICAL CHARACTERISTICS Unit:mm



Dimensions	(mm)	1958×992×48
Weight	(kg)	22.9

Packing Configuration	2 pcs/carton
Quantity/Pallet	36 pcs/pallet
Loading Capacity	180 pcs/20ft container
	396 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
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