

260W, 265W, 270W, 275W, 280W, 285W, 290W, 295W, 300W Mono-crystalline Solar Panels

Fortune CP Mono-crystalline modules are advanced, utilising mono-crystalline 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 : 260W to 300W
Power tolerance : 1.5%

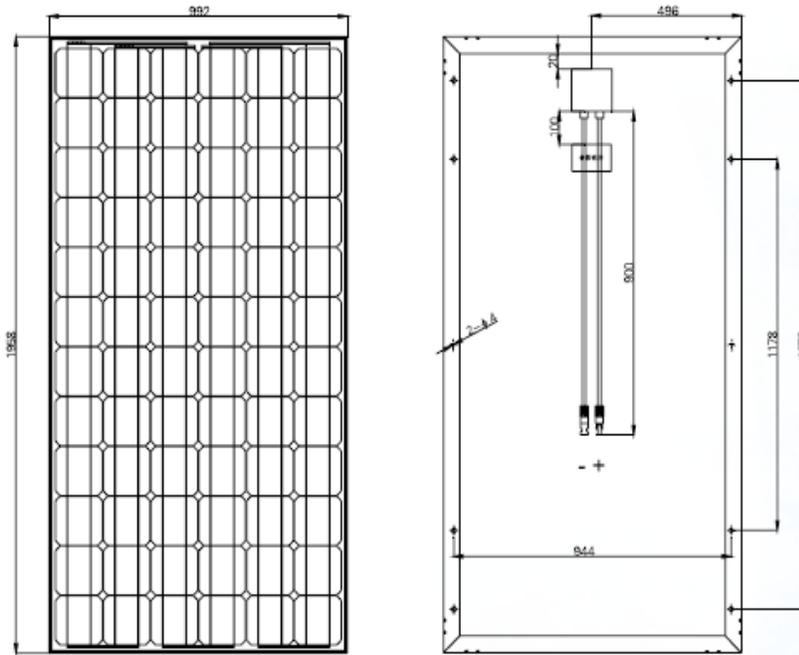
- 10 year warranty - At least 90% of rated output
- 25 year warranty - At least 80% of rated output
- 5 years materials and workmanship



SPECIFICATIONS

Module Type		FCSR300M	FCSR295M	FCSR290M	FCSR285M	FCSR280M	FCSR275M	FCSR270M	FCSR265M	FCSR260M
		300W	295W	290W	285W	280W	275W	270W	265W	260W
Maximum Power	Pm(W)	304.9	299.9	294.9	289.9	284.9	279.9	274.9	269.9	264.9
Tolerance	(%)	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5
Open Circuit Voltage	Voc(V)	45.29	45.21	45.07	45.00	44.86	44.78	44.64	44.42	44.35
Short Circuit Current	Isc(A)	8.40	8.35	8.29	8.26	8.21	8.18	8.14	8.11	8.09
Maximum Power Voltage	Vm(V)	37.88	37.65	37.44	37.15	36.86	36.58	36.29	36.00	35.78
Maximum Power Current	Im(A)	7.92	7.84	7.76	7.67	7.60	7.52	7.44	7.36	7.26
Module Efficiency	(%)	15.35	15.11	14.86	14.61	14.35	14.09	13.84	13.58	13.33
Solar Cell Efficiency	(%)	17.63	17.26	16.88	16.63	16.38	16.13	15.88	15.63	15.38
Cell Type	(mm)	156×156 (Mono-Crystalline Silicon)								
Number of Cells	(Pcs)	72								
Maximum System Voltage	(V)	DC1000								
Temp. Coeff. of Voc	(%/°C)	-0.31								
Temp. Coeff. of Isc	(%/°C)	0.03								
Temp. Coeff. of Pm	(%/°C)	-0.37								
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								

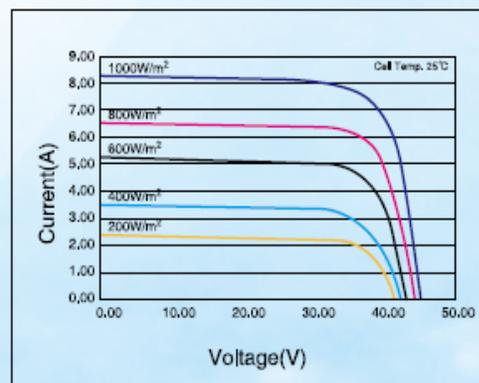
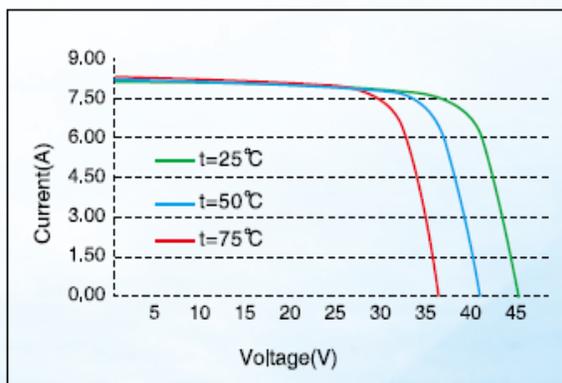
PHYSICAL CHARACTERISTICS Unit:mm



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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