

## 200W, 205W, 210W, 215W, 220W, 225W 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 : 200W to 225W

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

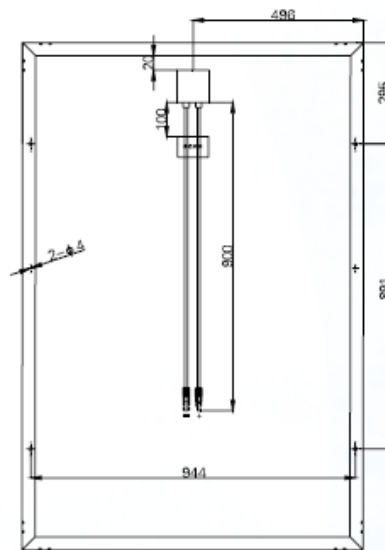
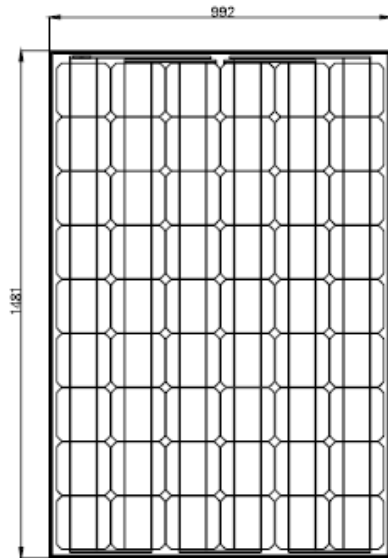


### SPECIFICATIONS

Module Type		FCSR225M	FCSR220M	FCSR215M	FCSR210M	FCSR205M	FCSR200M
		225W	220W	215W	210W	205W	200W
Maximum Power	Pm(W)	229.9	224.9	219.9	214.9	209.9	204.9
Tolerance	(%)	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5
Open Circuit Voltage	Voc(V)	34.10	33.90	33.78	33.64	33.59	33.32
Short Circuit Current	Isc(A)	8.40	8.33	8.27	8.21	8.18	8.11
Maximum Power Voltage	Vm(V)	28.16	27.93	27.80	27.65	27.43	27.00
Maximum Power Current	Im(A)	8.01	7.88	7.74	7.59	7.47	7.41
Module Efficiency	(%)	15.25	14.91	14.57	14.23	13.89	13.55
Solar Cell Efficiency	(%)	17.63	17.18	16.80	16.38	16.13	15.63
Cell Type	(mm)	156×156 (Mono-Crystalline Silicon)					
Number of Cells	(Pcs)	54					
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					

STC(Standard Test Conditions): 1000W/m<sup>2</sup> AM=1.5 25°C

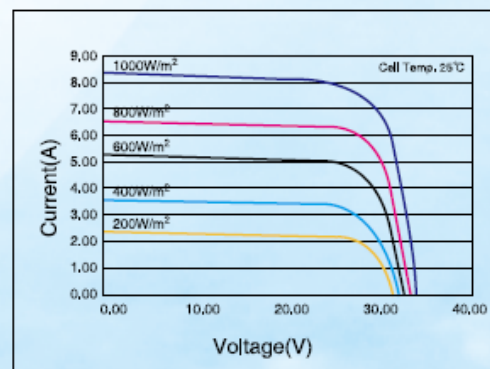
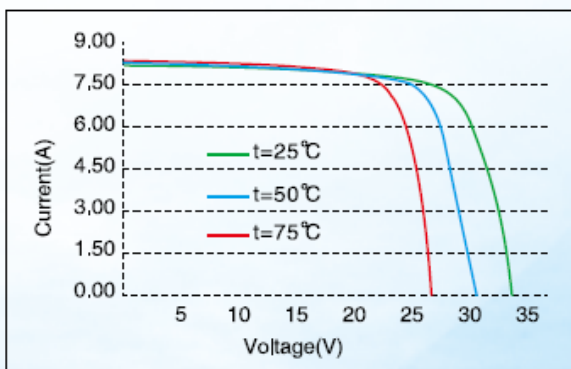
## PHYSICAL CHARACTERISTICS Unit:mm



Dimensions	(mm)	1481×992×48
Weight	(kg)	17.7

Packing Configuration	2 pcs/carton
Quantity/Pallet	36 pcs/pallet
Loading Capacity	252 pcs/20ft container
	504 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

Email: [sales@fortune cp.co.uk](mailto:sales@fortune cp.co.uk)

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