

## ECF220 DC (Battery Solar Refrigerator or Freezer)



Model Reference

ECF 220 DC  
1 Solid Lid

### Specifications

Total Capacity	210L (7.42 CuFt.)
Baskets Supplied	1
Thermostat	YES
Climate Class	ST
Solar Cable Length	See Optional Extras
Temperature Range	-18°C To +7°C
Star Rating (Freezer)	3
Castors	YES (4)
Energy Source <b>(Not Supplied)</b>	12V Battery Solar - 2 X 12V Batteries in Parallel or 24V Battery Solar - 2 X 12V Batteries in Series



### Minimum System Requirements **(Not Supplied)**

Panel Output	250 Watts
Battery Output	200 Ah/12V (parallel) or 100 Ah/24V (series)

### Dimensions

Boxed Dimensions	(H) 870mm x (W)860mm x (D) 700mm
Unboxed Dimensions (mm)	(H) 850mm x (W)800mm x (D) 680mm
Weight (Kg's) – boxed	42kg
Weight (Kg's) – unboxed	40kg

### Container Quantities

20'	40
40'	82

### Additional Parts Required To Complete The Installation: **(Not Supplied)**

**(All parts & required components must be purchased from your local solar supplier or installer)**

- 6mm square cable – Red (this connects from the solar panel to the solar controller and then to the fridge or chest freezer) – standard requirement is approx. 15 meters but you may need more or less
- 6mm square cable – Black (this connects from the solar panel to the solar controller and then to the fridge or chest freezer) – standard requirement is approx. 15 meters but you may need more or less
- 10mm panel wire – Red (this connects from the solar controller to the battery system) – standard requirement is approx. 1,5 meters but you may need more or
- 6mm panel wire – Black (this connects from the solar controller to the battery system) – standard requirement is approx. 1,5 meters but you may need more or
- 6mm earth cable – (length required is dependent upon distance from panel to the ground fixture to earth rod)
- Cable protector conduit to protect the cables from external elements
- Cable protector glands (2 required if cable protector is opted for)
- Adjustable solar panel frame made from Aluminum (if required)

### Minimum system requirements

#### Solar Power Pack **(Not Supplied)**

- 250W solar panel
- 2 X 12V 102 Amp Hour deep cycle battery
- 20 Amp Solar Charge Controller
- Earth Rod (16mm X 1500mm)
- Battery Cable Connectors
- Bolts & Nuts For Cable Connectors



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