



## FR165, FR225 DC Refrigerator/Freezer

**Trans Solar Technologies** introduces first time in India **165 Litre / 225 Litre Imported Solar DC Refrigerator / Freezer** with 2 years warranty and one year unconditional warranty for Vaccine storage or Beverages. It can be used by remote resorts, small shops, hospitals and other residential & commercial establishments.

- ✦ Runs on a single 75 Wp module in most climates.
- ✦ 12 or 24 VDC with low voltage disconnect
- ✦ Environmentally friendly CFC – free refrigerant (R-134a)
- ✦ Rugged scratch resistant galvanized steel exterior
- ✦ Easy to clean Aluminium interior
- ✦ Lockable lid with interior light
- ✦ Patented low-frost system
- ✦ Automatic control with adjustable thermostat
- ✦ Energy Efficient Refrigeration





Save on costs with DC refrigerators and Freezers. These ultra high efficiency refrigerators and freezers have exceptionally low energy consumption requiring smaller, less expensive power systems and low operating expense. High quality construction provides excellent reliability and long life. Super insulated cabinets feature over 11 cm of polyurethane insulation with powdered-coated galvanized steel exterior and aluminium interior. A zero maintenance, brushless, thermostatically controlled DC motor compressor. A patented low-frost system reduces frost and moisture build-up for low maintenance. These chest style refrigerators and freezers are easy to clean using the drain hole at the bottom of the unit.

With thick insulation and a refrigeration system optimized for solar, this refrigerators and freezers provide outstanding economical and reliable operation.

	<b>FR 165</b>	<b>FR 225</b>
Input Voltage	<b>12 /24 VDC</b>	<b>12 /24 VDC</b>
Ambient Temp Range	<b>-10 to +43° C</b>	<b>-10 to +43° C</b>
Power (typical / max)	<b>40/80 W</b>	<b>40/80 W</b>
Recommended fuse Size	<b>15/ 7.5 A(12/24 V)</b>	<b>15/ 7.5 A(12/24 V)</b>
Energy Required at 21° C Refrigerator / Freezer	<b>96 /300 Wh/d</b>	<b>120 /480 Wh/d</b>
Energy Required at 32° C Refrigerator / Freezer	<b>168 /444 Wh/d</b>	<b>204 /540 Wh/d</b>
Capacity	<b>165 L</b>	<b>225 L</b>
Shipping Dim. (W x H x D)	<b>102 x 76 x 94 cm</b>	<b>127 x 76 x 94 cm</b>
Shipping Weight	<b>51 Kg</b>	<b>59 Kg</b>