



- 12 / 24 V DC operating voltage featuring shut-off at low voltage
- Eco-friendly cooling agent (R-134a)
- Adjustable interior temperature
- Very low energy requirement
- Highly-efficient cooling
- Low Maintenance
- Double gasket to keep long cooling
- Easy to installation

Trom Solar offers freezer and refrigerator unit which comes with 240 liter capacity. Due to our energy efficient cooling concept, Trom Solar refrigeration device is specially suited to remote solar power applications. Our top quality craftsmanship guarantees a long useful life. A 12-cm-thick insulation layer made of polyurethane ensures minimum thermal losses. The refrigeration system is equipped with a maintenance free brushless DC compressor. The patented low frost system reduces the formation of condensation water and ice. A drainage opening at the base simplifies the cleaning of the interior.

Operating voltage	12/24 V DC
Ambient temperature	10 to 43 °C
Temp .Range	+6 to -18 °C
Power input (typ./ max.)	40 - 100 W
Energy consumption at 21 °C	120 Wh/d (R) 480 Wh/d (F)
Energy consumption at 32 °C	204 Wh/d (R) 540 Wh/d (F)
Content (capacity)	240.0 Ltr
Refrigerant	R-134a
Door type	Top Opening
Color	White
Dimensions(W x H x D)	684 x 849 x 1144 mm
Weight	70 Kg
Solar Panel	200 Watt
Battery	180 AH / 12V
Charge Controller	In Built with all protection - Short circuit - Over Charge - Deep Discharge

### **System Features:**

- Very low energy requirement
- 12 V or 24 V DC operating voltage
- featuring shutoff at low voltage
- Eco-friendly cooling agent (R-134a)
- Scratch-proof steel-panel housing
- Easy-to-clean aluminium lining
- Lockable lid
- Patented low-frost system
- Adjustable interior temperature
- Highly-efficient cooling
- The patented low-frost system reduces
- the formation of condensation water and ice.

### **Characteristics:**

- User friendly
- Shock Proof
- Saves Energy
- Can be used as a freezer
- Easy to install
- Easy to operate
- Adequate protections for load and battery

### **Applications:**

- Hospitals
- Hotels
- Homes
- Medicine Shops
- Remote Village Dispensaries

### **Benefits:**

- Prevents Global Warming
- Best for energy crisis situations
- Works best for areas where electricity is scarce
- Improves indoor air quality