



Off-Grid DC Refrigerator or Freezer

Alternative to Propane Refrigeration

Since 1999, SunDanzer Refrigeration has designed and assembled solar refrigerators in the United States. Low energy consumption is the key that allows SunDanzer refrigerators and freezers to be powered from alternative energy systems. This approach allows refrigeration in remote locations where it was previously unavailable or too costly. With DC power, no inverter is needed, providing more reliable refrigeration.

Features:

- Available as fridge or freezer
- 7W average power draw at 38F operation in 90F ambient
- 4.3 in. of polyurethane insulation
- Baskets for food organization
- Scratch resistant galvanized steel exterior
- Easy to clean aluminum interior with drain
- Automatic 12 or 24VDC operation
- Simple design for worldwide service
- 2-year limited warranty

2-Year Limited Warranty
(PV not included)

Applications:

- Off grid homes
- Remote stores
- Disaster preparedness
- Unreliable grid power
- Medical clinics
- Micro-enterprises
- Farms & ranches
- Missionary homes

Specifications:

Volume	5.65 ft ³ [160 L]
Refrigerator	30 to 48° F
Freezer	5 to 15° F
Ambient range	50° F to 109° F
Voltage range	10 to 31 VDC
Refrigerator energy use at 90° F	0.168 kWh/d
Freezer energy use at 90° F	0.441 kWh/d
Refrigerant	R-600a
Input Power	35 - 65 Watts
Defrost	Manual
External dimensions	37 x 26¼ x 34½ in.