FCF-AM188

100% Solar Powered Freezer

Feature

*High quality DC compressor.

*DC 12V/24V automatic recognition, AC/DC operated.

*cooling performance:-18℃ at 30℃ ambient temperature

*automatic power cut off at low input voltage to protect freezer and battery

*With single top door and door lock

*environment-friendly refrigerant R134a

*connect with DC power source directly e.g solar power source

*connect with AC power source through an AC/DC adaptor

*High temperature resistance design and energy saving design

Applications

*Remote Homes *Unreliable grid   *Micro-enterprises   *Boats and Marine *Beverage Vending   *Remote Stores   *Ice Making   *Cabins *Resorts, Farms   *Medical Clinics and Missionaries   *Disaster Preparedness *Mobile Vendors

Free Cool solar Refrigerators for echo friendly and save the earth and money
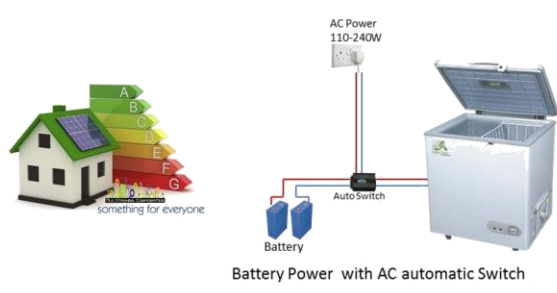
www.freecoolsystems.com

FCF-AM188

The Free Cool DC refrigerators and freezers.

These 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 of polyurethane insulation with powder-coated galvanized steel exterior and aluminum interior. A zero-maintenance, brushless, thermostatically controlled DC compressor operates on 12 or 24 VDC. 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 refrigeration system optimized for solar, Free Cool refrigerators and freezers provide outstanding economical and reliable operation. Low energy consumption is the key that allows Free Cool refrigerators and freezers to be cost effectively powered from solar, wind, fuel cells or batteries. This technology allows refrigeration in remote locations where it was previously unavailable or prohibitively expensive.

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FCF-AM188

Solar Powered Freezer

Model	FCF-AM188
Power Consumption	65W
Input Voltage	DC 12V/24V
Work Temperature	<50℃
Capacity	188 L (6.64 c.f.)
Product Size(mm)	1050*570*855
Carton Size(mm)	1105*625*900
N.W./G.W.(KG)	38/41

Solar power system suggested

Solar panel(Polycrystalline)	120W * 4 (4 pieces)
LiFePO4 battery	3.2V60Ah * 8 (8 pieces)
Charge controller	24V/20A
Solar panel cables	4mm²

www.multitaskelectronics.com

Solar Controller   LiFePO4 Battery   Solar panel cable   Solar Panel

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