



# Upright Refrigerators

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Providing constant, reliable & energy efficient cooling at great value



# WHY



With industry experience since 2007, EcoSolarCool® is committed to bringing solar energy solutions to the consumer appliance market, with a range of solar refrigerators. Our products are used in homes, cabins, offices, boats, RVs and laboratories worldwide. Energy efficiency in food storage and product accessibility is at the forefront of the EcoSolarCool® mission statement. We believe green energy products should be affordable and reliable. Our upright refrigerators range in size from 5.3 to 12.5 cubic feet in a variety of colors.

## WHY SWITCH TO SOLAR REFRIGERATION?

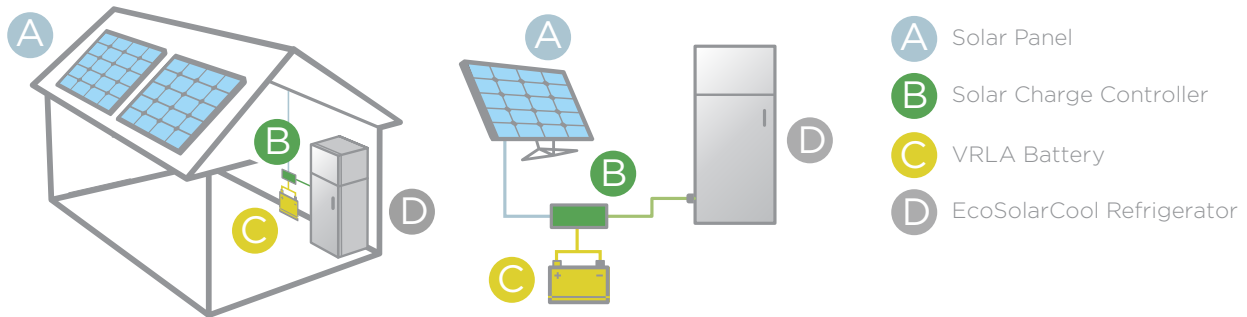
Most AC refrigerators and freezers are energy-guzzlers, making them the perfect target to switch to solar. Each EcoSolarCool® refrigeration system is in the highest A+++ energy efficiency class. With EcoSolarCool® products, you'll get several instant benefits:

- Savings - a solar refrigerator starts saving on household energy consumption instantly upon installation.
- Environment - reduced climate change effects on the environment and eliminating your reliance on non-renewable energy sources, like propane, oil and gas, reducing your carbon footprint.
- Access - provides reliable off-grid refrigeration in areas where traditional power sources are unreliable or unavailable.
- Maintenance - all EcoSolarCool® refrigerators are quick and easy to maintain.

EcoSolarCool's comprehensive service includes consultation and installation assistance for your solar refrigerator system. All our refrigerators can be operated at an input voltage of 12 or 24 DC volts and with a 2 year warranty\*, we make your move to solar power as smooth as possible.

UL 250 CERTIFIED TO USA STANDARDS  
CSA CERTIFIED TO CANADIAN STANDARDS  
DANFOSS/ SECOP DC COMPRESSORS  
MADE IN EUROPE

# Switch



Circuit Diagram



Keeping food fresh can consume as much as ten percent of your household energy cost each year. EcoSolarCool® products are solar powered and lined with thick polyurethane insulation to maximize energy-efficiency. Since our products are powered from solar energy, they require no additional power sources to function. Other DC power sources can also be used to power our products on and off the grid.

True efficiency goes beyond solar power. That's why all EcoSolarCool® solar-powered refrigerators feature built-in energy-saving-mode components to ensure each unit doesn't guzzle more power than it needs. They also feature an automatic shut-off that ensures all products have a long service-life.

## REASONS TO PURCHASE AN ECOSOLARCOOL® REFRIGERATOR:

**Independence** for your energy supply – EcoSolarCool® units can be powered off-grid from alternative energy sources and will save you money on your electricity bill.

**Reliability** – If power outages occur, your EcoSolarCool® product will keep food cold or frozen, saving on food waste. Our globally recognized brand has satisfied customers worldwide.

Governments worldwide regularly offer rebates at regional and federal levels for installing alternative energy sources. This can make for an inexpensive system upgrade.

**Increased Property Valuation** with Solar Energy – Even a simple solar system that incorporates any of our products can increase the value of your home.

# SOLAR REFRIGERATORS



## ESCR150GE

Compact but spacious, this 5.3 cu ft solar-powered refrigerator provides sufficient storage for an office, cabin, RV or boat.

ESCR150GE is perfect for anyone looking for true clean energy refrigeration in a tight space. This refrigerator model has a small freezer cabinet on the top and a cooling cabinet on the bottom and is available in white only.

To operate, this unit requires a mono/poly solar panel, deep-cycle battery and a solar charge controller.



## ESCR260GE & ESCR355GE

Sleek and lean, the 9.2 & 12.5 cu ft solar-powered refrigerators offer ample storage without taking over a room.

ESCR260GE has a freezer cabinet on the top, a cooling cabinet on the bottom and is available in white or metallic-gray. The ESCR355GE freezer cabinet is on the bottom, the cooling cabinet on the top and is available in white or stainless-steel. Both models are perfect for homes, offices, boats, RVs, cabins and farms.

These units require a solar panel, deep-cycle battery and a solar charge controller to operate.

## TECHNICAL DATA

DATA	ESCR150GE	ESCR260GE	ESCR355GE
Climate Class	N, ST	N, ST	N, ST
Total Capacity (L/ cu ft)	149/ 5.3	260/ 9.2	354/ 12.5
Capacity of Freezer Cabinet (L/ cu ft)	21/ 0.8	25/ 0.9	96/ 3.4
Capacity of Cooling Cabinet (L/ cu ft)	128/ 4.5	235/ 8.3	258/ 9.1
Rated System DC Voltage (V)	12/ 24	12/ 24	12/ 24
Rated Fuse Current @ 12v/ 24v (A)	15/ 7.5	15/ 7.5	15/ 7.5
Rated Power @ 12v/ 24v (W)	63.5/ 61	58.5/ 56.5	63.5/ 59
Light Bulb Input Power (W)	10	10	10
Refrigerant	R134a	R134a	R134a
Sound of Refrigerator (dB)	< 50 dB	< 50 dB	< 50 dB
Product Dimension W*D*H (mm/ inches)	600*600*820/ 23.7 * 23.7 * 32.3	600*640*1450/ 23.7 * 25.2 * 57.1	600*640*2000/ 23.7 * 25.2 * 78.8
Product Weight (Kg/ Lb)	42/ 92.6	55/ 121.3	74/ 163.2
Power Consumption @ 25°C/77°F Ambient Temp. (kWh/ day)	0.50	0.55	0.60

## INSTALLATION & LOCAL JOB CREATION

All our products are easy to install by a technician and we also provide instructions. For large projects, we can provide on-site installation and training.

We believe in giving back to the communities we do business in, so our training of local technicians helps to create jobs in local communities.

## MAINTENANCE & WARRANTY

Similar to most solar powered products, all our refrigerators require minimal maintenance and servicing. We provide parts for any replacements necessary.

Our confidence in all our products is demonstrated by our two year warranty.