Installation, Service and User

INSTRUCTIONS
FOR THE
MAIT MODEL: SR265D - SOLAR

UPRIGHT BATTERY SOLAR FRIDGE/FREEZER

12/24V DC Electric
MAIT APPLIANCES (PTY) LTD

TECHNICAL DATA

MAITAppliances Model SR265D – SOLAR
UPRIGHT BATTERY SOLAR FRIDGE/FREEZER

Electrical Supply: 12/24V DC

This appliance is a upright freezer/refrigerator with the freezer compartment on top and the refrigerator at the bottom.

INSTALLATION INSTRUCTIONS:

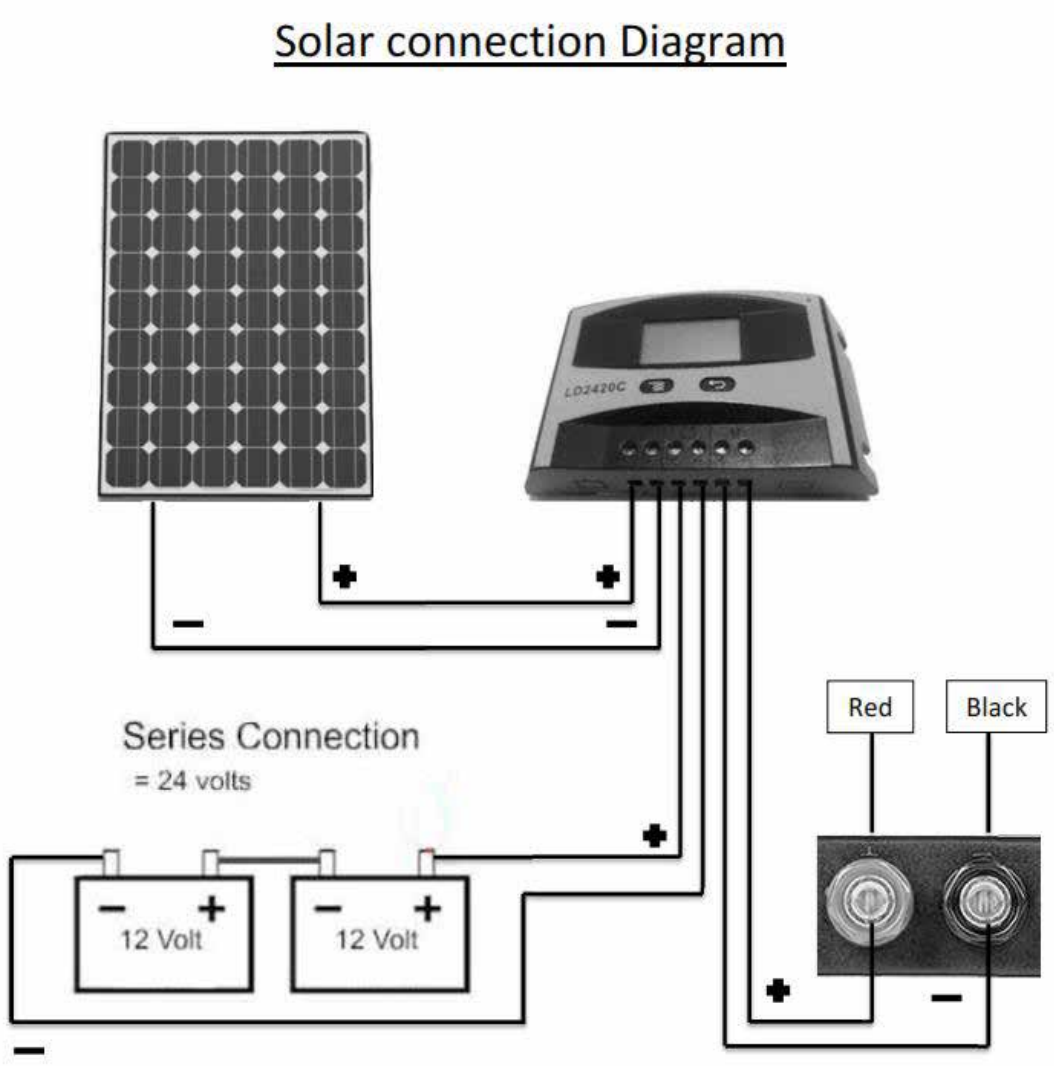
1. **ENSURE THAT THE APPLIANCE IS STANDING LEVEL!**

2. Place the appliance in a cool, well-ventilated area out of direct sunlight, allow enough space (at least 100mm) around sides and back of appliance and 100mm above.

3. Remove all loose items from appliance

OPERATING INSTRUCTIONS FOR REFRIGERATOR FREEZER

It is important to read through these instructions carefully before beginning to use this appliance.
Do retain these instructions for future reference.



USER OPERATING INSTRUCTIONS

TO START OPERATION

1. Connect the battery wires (+ and -) to the fridge and switch on.

2. The appliance is fitted with a temperature controller and the operating temperature is pre-set to operate at 4°C. To change the preset to a different fridge temperature, push the SET Button twice. Use the “UP” “DN” buttons to select desired temperature. Push the SET button once and finally push the FNC button once. Your desired temperature has now been set.

TROUBLESHOOTING

IF THE APPLIANCE FAILS TO WORK:

Check the following points before calling for service:

1. That the instructions for starting the appliance have been followed.

2. The appliance is level.

5. If the appliance fails to work on 12/24V DC, check:

   a) That the 12/24V supply is connected and switched on

IF THE APPLIANCE IS NOT COLD ENOUGH IT MAY BE BECAUSE:

1. The ventilation is inadequate. Allow at least 100mm around Back, sides, and 100mm above.

2. The evaporator is frosted up – see Defrosting.

3. The ambient temperature is too high.

4. Too many products are loaded into the refrigerator /freezer at one time – air must be able to circulate freely.

5. The doors are not properly closed or the door seals are defective.

6. There may be a drop in supply voltage.

7. If the appliance is still not working properly, call a qualified service technician to repair it.

SOME USEFUL HINTS

Make sure that:

1. Defrosting is carried out periodically.

2. The appliance is clean and dry with the doors open when it is not to be used for some time. If the appliance is fitted with a locking device – remove key to prevent accidental locking.

3. Liquids or items with strong odours are well packaged.

4. You have switched on the appliance for approximately 4 hours prior to loading it with products. Avoid packing products in too tightly – air must be able to circulate freely

5. You are aware that the temperature inside the appliance can vary according to the ambient temperature, the location of the freezer, the frequency with which the lid is opened, and the volume and concentration of products stored in it.

6. For the safety of children keep the key out of reach at all times.

CLEANING YOUR REFRIGERATOR FREEZER

- Clean the bins of the appliance using ½ a litre of warm water and a tablespoon of bicarbonate of soda.

- Soak a soft cloth in the solution, wring it out, and use it to clean out the interior of the refrigerator and freezer compartments and their fittings.

- Do not use wax polish, scouring powder, strong scented products or household cleaners and detergent to clean the interior of the appliance as they may damage the surface and leave a strong odour.

- The exterior of the appliance should be wiped clean periodically using a damp cloth and a small quantity of detergent. But not the lid seal which should only be cleaned with soap and water and then thoroughly dried.

DEFROSTING

WARNING:

- ***Normally the temperature of items would rise during defrosting and so, they should be consumed within 24 hours or discarded.***
- ***Do not try to accelerate defrosting by using any kind of heating appliance, as this might damage the internal surfaces of the freezer. (No sharp object be used to scrape off the ice.)***

- Frost will gradually accumulate on the freezer surface. It must not be allowed to grow thick as it acts as an insulator and adversely affects freezer performance.

- Check the formation of frost regularly and when it gets around 5mm thick, defrost the appliance.

- To defrost the appliance, turn it off and remove all items.

- Once defrosting is complete clean the interior thoroughly

PROLONGED STORAGE

- Disconnect all electrical connections.

- Empty the freezer. Defrost and clean it thoroughly as described earlier.

- Leave the doors partially open to prevent any odours and moulds forming.

SERVICE NOTES

Check the door/lid seals are in good condition.

IN THE EVENT OF FAILURE

If not cold enough:

Check through points listed under Troubleshooting.
In the unlikely event of cooling unit failure, contact the national distributor without delay.