



EDUCATIONAL SET OF SOLAR REFRIGERATOR

RN 350

Description:

Solar energy is the most abundant source of renewable energy in the world and is the main source of all energy on Earth. Solar energy can be directly and indirectly converted into other forms of energy. One of the most important applications of solar energy is converting this type of energy into electrical energy and using it as a sustainable source for various uses. In this device, the electric energy produced by solar panels is used in an absorption refrigeration cycle, and the performance of an absorption refrigeration cycle in different conditions can be investigated.

Specifications:

- Solar Panels
- Solar energy simulator
- Portable solar power meter
- Solar charge controller
- Battery
- 12V to 220V converter
- Ammonia absorption refrigeration cycle
- Consumer
- Refrigerated box
- Electrical control panel with switches and displays
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Measuring input power of solar panels
2. Measuring input power of the absorption refrigeration cycle
3. Comparing input and output powers
4. Measuring the efficiency of the system

Required For Operation:

- 220V Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm:2200x 1000 x 1700

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