

# First solar powered radios

## HEAT DISSIPATION

Cold aisle containment,  
making optimal refrigeration effect;



## Overview

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Sarkis Acopian invented the first solar-powered radio in 1957. An experimental model, developed by General Electric, weighed just 10 ounces and was capable of working without light and recharging. Solar-powered radios are used for receiving information and as a portable power source, especially in situations where electricity. It was Ap, a Sunday, when Bell Telephone Laboratories (Bell Labs for short) held a press conference at their headquarters in Murray Hill, New Jersey (USA), twenty miles from New York City, to announce the invention of first silicon solar cell, called by the Laboratories themselves. It was Ap, a Sunday, when Bell Telephone Laboratories (Bell Labs for short) held a press conference at their headquarters in Murray Hill, New Jersey (USA), twenty miles from New York City, to announce the invention of first silicon solar cell, called by the Laboratories themselves. Consumers could buy solar powered products within ten years of the invention of solar cells. Hoffman Electronics manufactured cells for satellites but company president H. Hoffman already manufactured radios based on vacuum tube technology. Sixty years ago this month, the March 1956 issue of Radio-Electronics published the plans for this solar powered radio, probably the first instance of a project using a photovoltaic cell for power.

## First solar powered radios

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### Hoffman model KP 706 "Trans-Solar" transistor radio

Hoffman already manufactured radios based on vacuum tube technology and decided that solar cells would work well with a radio that used transistors instead of tubes. His company introduced their first ...

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### World's first solar consumer product 1956 Admiral transistor radio Sun

That's right, this radio could be had with an optional "Sun Power Pack"-- making it the first solar powered radio ever available. Collectors know that in late 1954 Regency made the first



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### 1956 Solar Radio

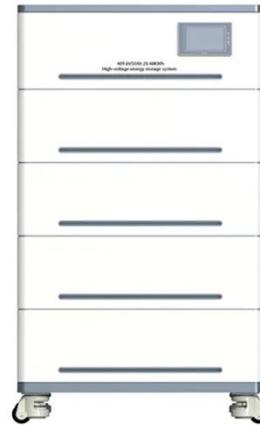
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## Solar-powered radio explained

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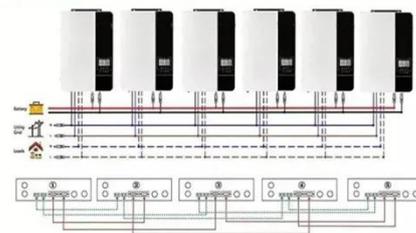
### Who Invented The Solar Powered Radio?

Some attribute the invention to Russell Ohl, an American physicist, who patented a solar cell design in 1946. Others credit Dr. Maria Telkes, a Hungarian-American scientist, who developed a ...

### History of Early Solar Powered Radios

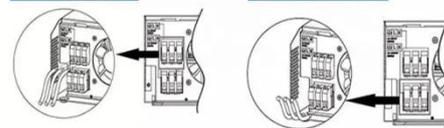
At a Dallas luncheon Admiral executives personally deliver to customer #1, Mr. Eugene B. Germany, president of Lone Star Steel Company, the very first solar powered radio purchased.

Parallel (Parallel operation up to 6 unit (only with battery connected))



AC input wires

AC output wires



### Solar-powered radio

Sarkis Acopian invented the first solar-powered radio in 1957. An experimental model, developed by General Electric, weighed just 10 ounces and was capable



of working without light and recharging. It contained seven solar cells, four transistors and a small battery. In 1954, Western Electric began to sell commercial licenses solar powered radio, including other photovoltaic technologies. In 1957 the Acopian Technical Co. of Pohatcong Township, New Jersey, was repor...

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### **First Solar Radio , Acopian Power Supplies**

One of the first products manufactured and sold by Acopian (even before we began producing power supplies) was a Solar Radio. This was in 1957. As far as we know, this was the first ...



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### **RADIO A TRANSISTOR GELOSO "SIRIO,, G 3304**

Additionally, Bell Labs engineer D.E. Thomas demonstrated how his voice could be heard clearly from a radio receiver placed on the lawn of the Murray Hill Laboratories speaking from a small radio ...



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### **Solar Radios, early Solar Powered Radios A brief history of the ...**

The world's first commercially available solar-powered radio was officially announced in the columns of the

Chicago Tribune on Ap(page 37) and the first sets were sold starting in May as ...



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