

Solar mobile tower in Barcelona Spain





Overview

What makes Barcelona a low-energy building?

One of the keys to its low level of energy consumption is the use of lightweight materials that take advantage of Barcelona's Mediterranean climate. The tower is clad in 60,000 aluminium and glass slats which incorporate photovoltaic plates; these store enough solar energy to make the whole building self-sufficient.

Does Mes Barcelona install photovoltaic panels?

MES Barcelona also installs photovoltaic panels for residents' associations. The funders of the photovoltaic installation sell the energy to the building's owners, and at the end of the energy sale contract, ownership of the panels is transferred to the building owners at zero cost.

How does a solar energy tower work?

The tower is clad in 60,000 aluminium and glass slats which incorporate photovoltaic plates; these store enough solar energy to make the whole building self-sufficient. In addition, both the heating and the interior lighting are regulated by a smart computerised system that prevents unoccupied areas of the building receiving heat and light.

Why is the Agbar Tower a symbol of Barcelona?

The ambiguities of material and light make the Agbar tower resonate against Barcelona's skyline day and night, like a distant mirage, marking the entry into the diagonal avenue from the Plaça de les Glòries. This singular object will become the new symbol of Barcelona the international city, and become one of its best ambassadors. Jean Nouvel



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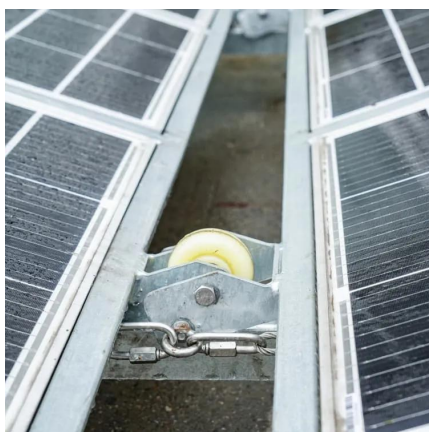
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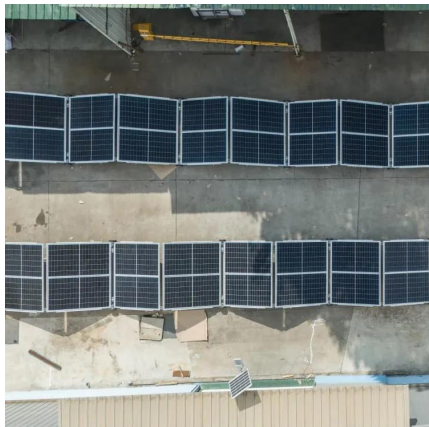
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The Torre Agbar was designed by the French architect Jean Nouvel in association with the company b720 Arquitectos from Barcelona. It is said ...



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