



EXIT-LYON Energy

Are photovoltaic panels actually batteries



Overview

The batteries have the function of supplying electrical energy to the system at the moment when the photovoltaic panels do not generate the necessary electricity. When the solar panels can generate more electricity than the electrical system demands, all the energy demanded is. The useful life of a battery for solar installations is usually around ten years. However, their useful life plummets if frequent deep discharges ($> 50\%$) are made. Therefore, it is. Batteries are classified according to the type of manufacturing technology as well as the electrolytes used. The types of solar batteries most used in photovoltaic installations are lead-acid batteries due to the price ratio for available energy. Its efficiency is 85-95%.



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