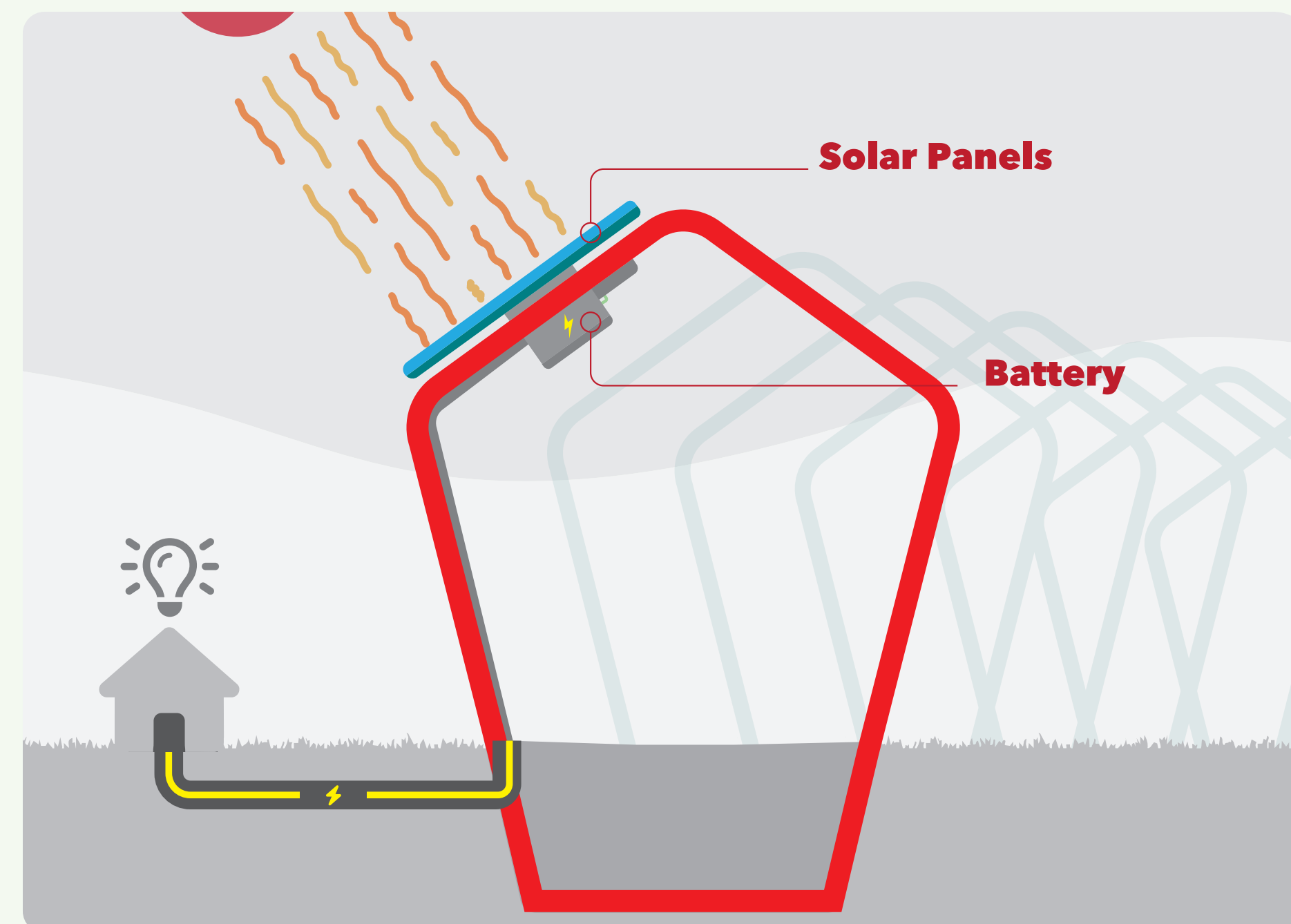


## Rainwater Harvesting

The system captures rainfall from the surface of the solar panels. Water is directed via channels and tubing to a simple rock and sand filtration system, and stores it into interconnected underground tanks along the path under the structure



## Power Generation

Each module (Sail) incorporates standard silicon photovoltaic (PV) panels, modular inverters, and a battery storage system, integrated in the upper part of the structure. Each module is independent for easy maintenance and scalability.