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1. Features

Energy Management System (xEMS)

xEMS is located behind the meter and it is designed to optimize power consumption and peak demand of the user, significantly reducing operational costs. Through advanced consumption modelling, effective use of energy storage and data from xEMS server, the xEMS helps to achieve the set target strategy.

* Utilization of the cheapest energy sources available at any given time through managing energy flow.

* By integrating alternative energy sources, the EMS maximizes the use of inexpensive energy, contributing to overall cost-efficiency regardless of the energy supplier, offering flexibility and reliability in various operational environments.

* Peak shaving and tariff-based optimization.

* Dynamic energy price-based optimization.

* Users can define their own strategies tailored to their specific needs.

* The EMS comes with a lifetime warranty on tariff system adaptability, ensuring cost-effectiveness and adaptability to evolving energy tariffs.