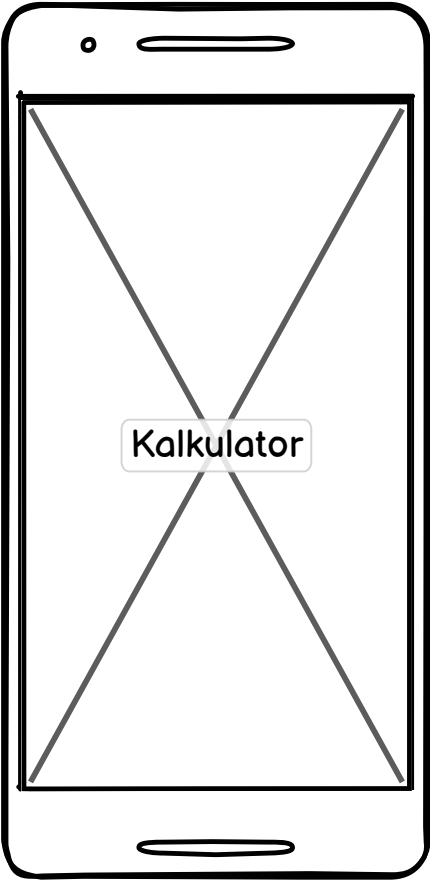


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## Our 4-step Process



On-Grid PV System

No batteries needed, connected  
directly to the utility grid, reduce  
monthly bills

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Solutions

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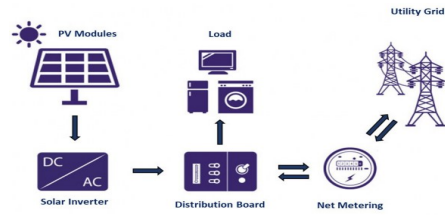
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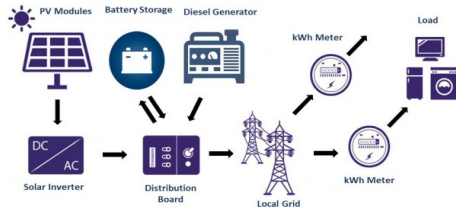
### On-Grid PV System

On-grid solar systems are designed to generate electricity from solar panels and feed it directly into the utility grid. These systems do not require battery storage as they rely on the grid to store excess energy. They are typically used in residential and commercial settings where the goal is to reduce electricity costs by offsetting consumption with solar production. The system consists of PV modules, a solar inverter, and a distribution board connected to the utility grid via a net metering arrangement.



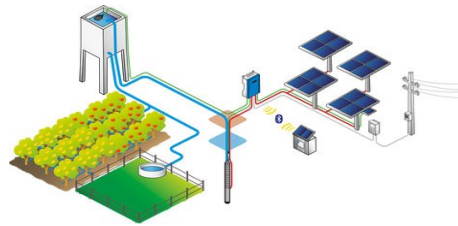
### Off-Grid & Hybrid PV System

Off-grid and hybrid solar systems are designed to provide power in areas without access to the utility grid. Off-grid systems use solar panels, a solar inverter, battery storage, and a diesel generator to power a load. Hybrid systems combine solar panels, a solar inverter, battery storage, and a diesel generator, but also connect to a local grid for backup power. Both systems include kWh meters to monitor energy production and consumption. The diagram shows the components and their interconnections for both types of systems.



### Solar Water Pump

Solar water pumps use solar energy to power a water pump, providing a sustainable and cost-effective way to irrigate crops or draw water from a well. The system typically consists of solar panels, a solar inverter, a water pump, and a storage tank. The solar panels generate electricity, which is converted by the inverter to power the pump. The pump draws water from a source and pumps it into a storage tank for later use. The diagram illustrates the components and their interconnections.



## Our Services



On-grid solar systems are designed to generate electricity from solar panels and feed it directly into the utility grid. These systems do not require battery storage as they rely on the grid to store excess energy. They are typically used in residential and commercial settings where the goal is to reduce electricity costs by offsetting consumption with solar production.



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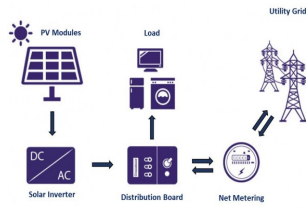


Our services include the design, installation, and maintenance of solar systems, as well as financial consulting and monitoring services. We provide comprehensive solutions for residential, commercial, and industrial clients, ensuring optimal performance and return on investment.

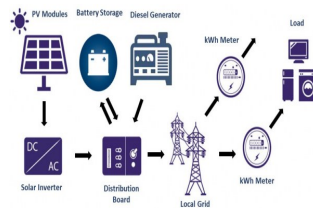
## ----- BLOG -----

## "GALLERY COMPLETED PROJECT"

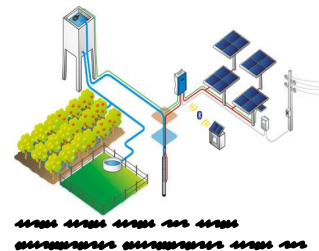
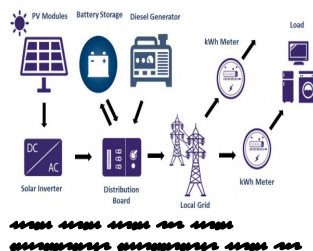
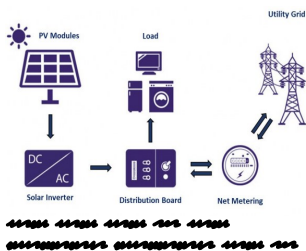
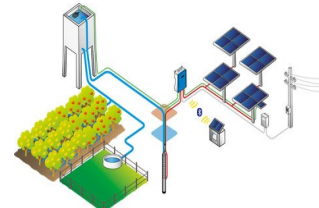
## On-Grid PV System



## Off-Grid &amp; Hybrid PV System



## Solar Water Pump



## ----- FAQ's -----

## "TENTANG SISTEM PLTS ATAP"

## - Apa itu Sistem PLTS Atap?

PLTS Atap adalah sistem tenaga listrik tenaga surya yang dipasang di atap rumah atau gedung. Sistem ini terdiri dari panel surya, inverter, baterai, dan sistem distribusi tenaga listrik. PLTS Atap dapat menghasilkan energi listrik yang digunakan untuk memenuhi kebutuhan tenaga listrik di lokasi pemasangan.

## - Berapa area atap yang dibutuhkan untuk memasang Sistem PLTS Atap?

Luas area atap yang dibutuhkan untuk memasang Sistem PLTS Atap tergantung pada kapasitas sistem yang diinginkan. Untuk sistem PLTS Atap dengan kapasitas 1 kW, dibutuhkan area atap sekitar 10-15 m<sup>2</sup>. Untuk sistem PLTS Atap dengan kapasitas 5 kW, dibutuhkan area atap sekitar 50-75 m<sup>2</sup>.

## + Bagaimana cara kerja Sistem PLTS Atap?

## + Berapa umur dari Sistem PLTS Atap?

## + Bagaimana cara kerja solar inverter?

## + Berapa persentase penghematan tagihan listrik yang didapat jika memasang Sistem PLTS Atap?

## + Apa itu kWh Ekspor, Impor dan Self Consumption?

## + Apa itu Sistem PLTS Atap?

## + Bagaimana cara perhitungan ekspor impor energi listrik dari Sistem PLTS Atap?

## + Apa itu Sistem PLTS Atap?

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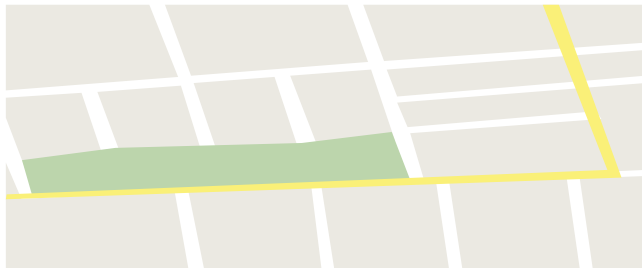


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