

# SMART ENERGY TECH

## For Remote Resorts in Indonesia



### OFF THE GRID: BEYOND RELYING ON GENSET - WITH SOLAR ENERGY

**Sali Bay Resort** is a true diving paradise located on a small island of Halmahera. In search of a more reliable and cheaper energy solution, Sali Bay Resort has replaced its thirsty and annoying diesel generators with solar panels and battery energy storage systems (BESS).

Previously the resort had 6 generators. However, only two remain in good working condition. These generators consume a staggering 200 litres of diesel per day, resulting in daily costs that can exceed Rp 3m. This does not include generator maintenance, oil changes, logistics and other associated costs.

Sali Bay Resort Key Parameters	
Location	North Maluku, ID
Type	Luxury Dive Resort
PV Panels	Mono-ci, 30 years lifetime
Battery Type	LiFePO4
Battery Lifetime	15 years+
Solar Yield	52,6 MWh/year
Payback Period	<2 Years
Fuel Savings	avg. 150 litres/ day



Sali Bay Resort has slashed its diesel usage, resulting in savings of at least Rp3m daily. Additionally, the resort is projected to save a whopping 35 tons of CO2 emissions annually. With this setup, it has allowed Sali Bay Resort to get rid of a generator and enable the battery system to provide electricity for 16 hours without solar energy.

Solar+Batt system configuration:



# OFF THE GRID: BEYOND THE GENSET WITH SOLAR ENERGY



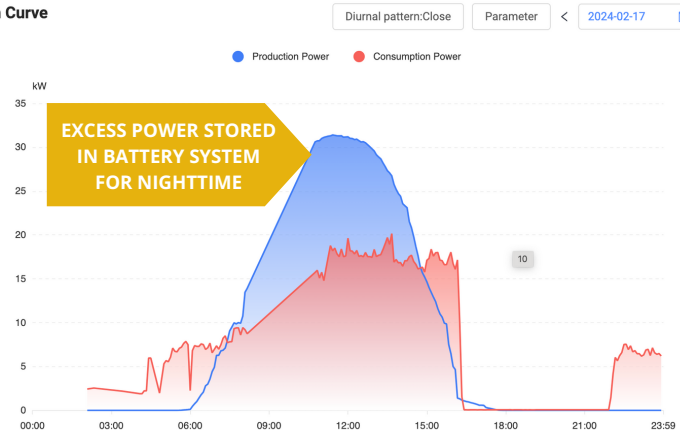
In addition to saving diesel, our solar and battery system offer several benefits, including:

- Low maintenance requirements
- No noise pollution
- Green publicity opportunities
- Modularity, allowing for future upgrades



Our system also enables cloud-based monitoring of solar power production, power usage, and battery status.

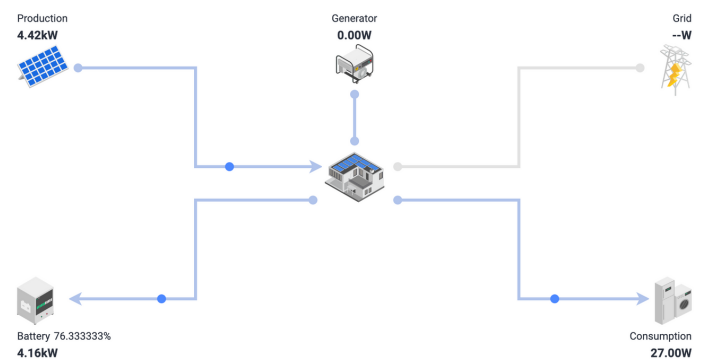
24h Curve



Our high-quality lithium batteries come in various types and models to suit your specific needs and budget. When you choose our solar and battery systems, you receive the following comprehensive warranties:

- ✓ PV Panels: 12 years + performance warranty 30 years
- ✓ Inverters: 5 year (
- ✓ Battery: 10 year warranty
- ✓ Safest lithium technology

Flow Chart



**INQUIRE TODAY! (WA) 0821-4554-9184**

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