

SOLAR ESS MONTHLY REPORT · OCTOBER 2026 · SOLISCLOUD · PLANT REPORT

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Home S3, Lamphun

8 kWp · 8 kW 1-phase hybrid inverter · battery

Discharge capped 1.6 kW · floor 35%

705

kWh solar

3.67

kWh/kWp/day

60%

solar share of use

19.4

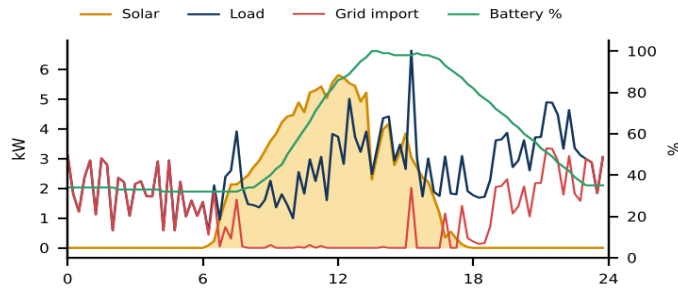
kWh/day bought

0

kWh exported

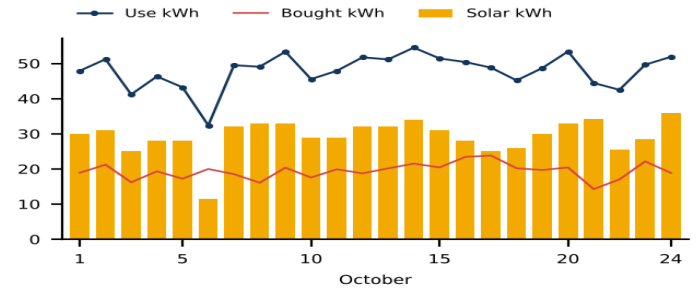
10.3

kWh/day from battery



What we found

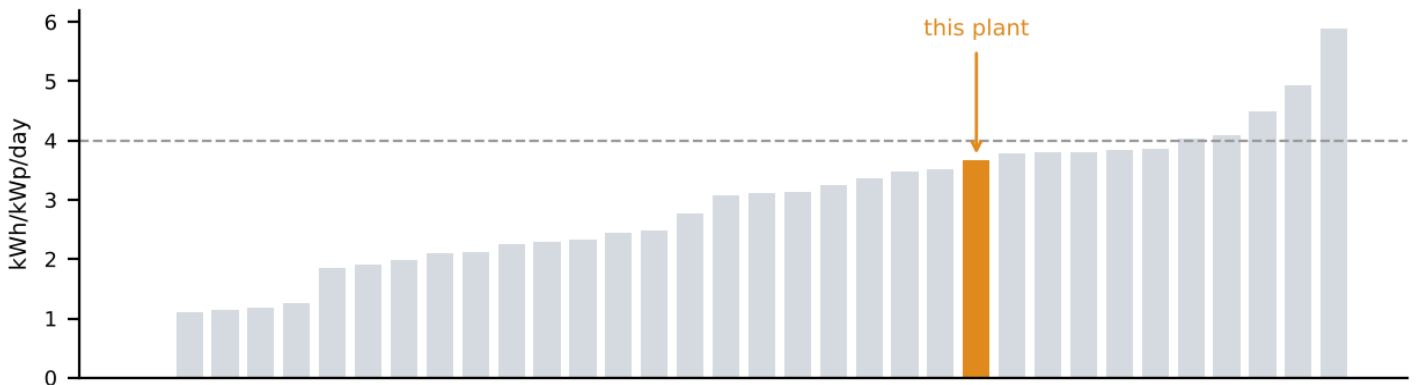
- At night the battery discharges at only 1.6 kW while the house uses 3-5 kW; the grid supplies the rest (19 kWh/day bought).
- Battery stops at about 35% in the morning.
- Battery full by 13:30, then solar is throttled.



What to do

- Raise the battery discharge current limit and lower the battery low SOC to 20%.
- Expected: 4-6 kWh/day less grid.

How this plant compares with the other SolisCloud plants (kWh per kWp per day, 1-24 Oct)



Rank 11 of 34 for yield per kWp. Dashed line ≈ 4.0 , a typical clear month in the north and centre. A low yield is not always a fault – a full battery or little daytime load makes the inverter throttle the panels.

This plant report is part of the October 2026 SolisCloud fleet review on www.solaress.org (Technical → Monthly Report), which also lists the recommended standard settings. Figures are estimates from monitoring data; site name removed.