

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

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Home S6, Phetchabun

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

Battery stops at night · 359 kWh exported

864

kWh solar

4.50

kWh/kWp/day

51%

solar share of use

18.7

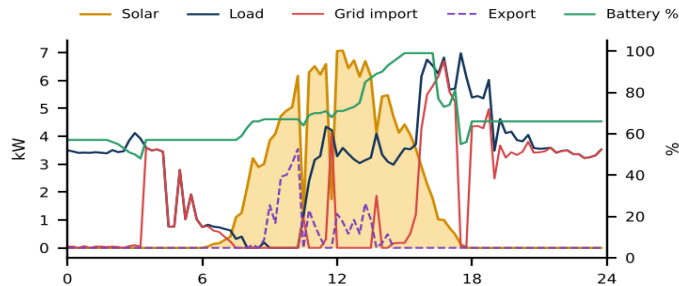
kWh/day bought

359

kWh exported

12.5

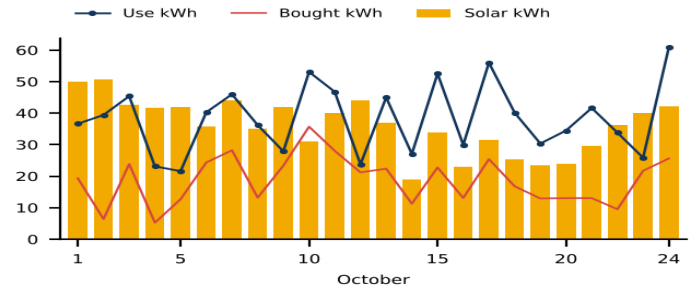
kWh/day from battery



24 October, 5-minute data

What we found

- At night the battery stops discharging with 66% left while the house buys 3.4 kW from the grid.
- At midday the battery charges at only about 3 kW and the rest (up to 3.5 kW) is exported: 359 kWh in 24 days, unpaid.
- Good yield (4.5 kWh/kWp/day).

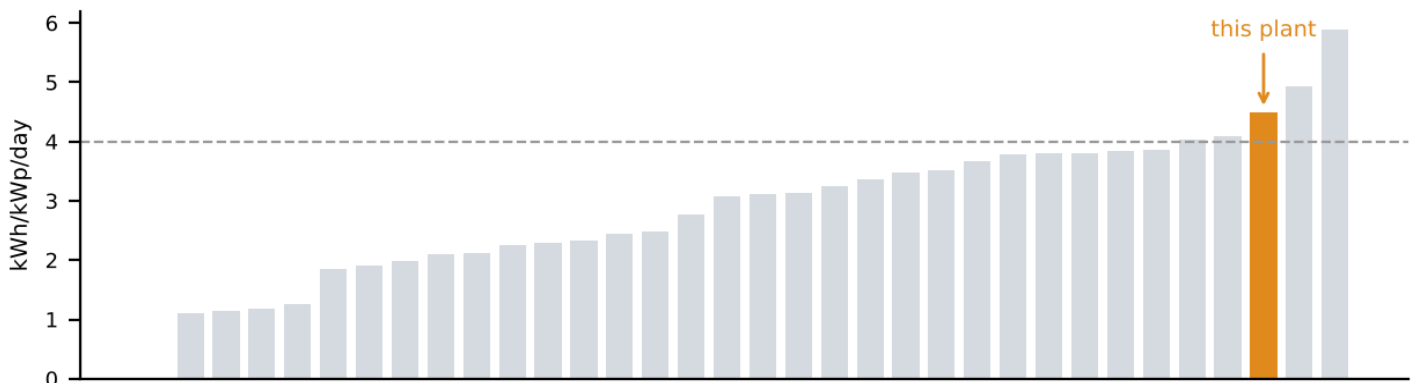


Daily totals, 1-24 October

What to do

- Check Time-of-Use / discharge time slots: allow discharge 00:00-24:00 down to 20%.
- Raise the battery charge current limit (within the battery's BMS limit) and set the export limit to 0 W unless the owner has a PEA sell-back contract.
- Expected: about 350 kWh/month more self-use.

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



Rank 3 of 34 for yield per kWp. Dashed line $\approx$ 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.