

Your Battery Report – Sample Household

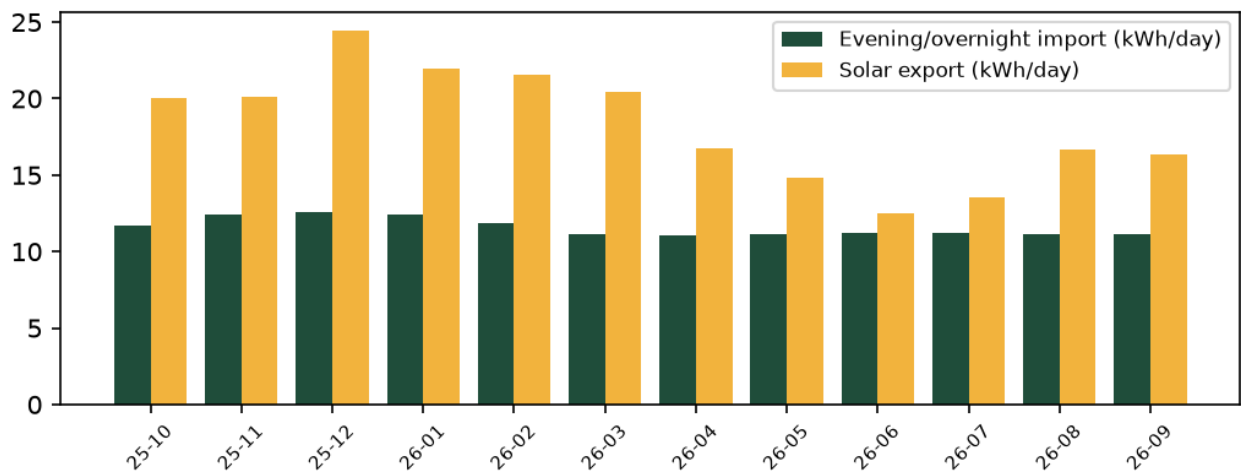
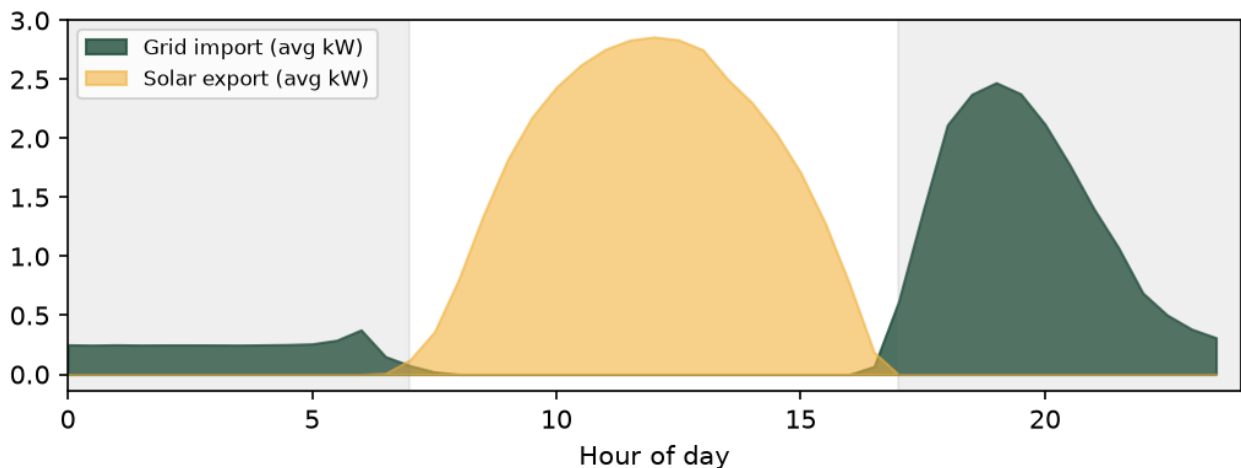
Postcode 4220 (QLD) · Solar 6.6 kW · Prepared 17 Oct 2026 · Data: Smart-meter interval data (365 days, 2025-10-01 to 2026-09-30)

Summary verdict

Based on your data, a battery of about **11.3-12.2 kWh usable** fits your household. Of the quotes provided, **Installer A (Brand X 13.5, 13.5 kWh)** stacks up best on our checks (net A\$8,442, A\$625/kWh, payback ~7.6 yrs, no flags).

1. How you use power

Measure	Value
Average daily grid import	11.7 kWh
Evening/overnight import (5pm-7am)	11.6 kWh/day
Average solar export	18.3 kWh/day



2. Recommended battery size

A battery can only save money by storing solar you would otherwise export and using it in the evening. On a typical day you could store and use about **11.3 kWh**; on higher-use days up to **12.2 kWh**. Capacity well beyond

this mostly sits unused, and above 28 kWh the rebate falls to 15% of the full rate.

3. Federal rebate (Cheaper Home Batteries)

STCs = usable kWh × factor (6.8 for 2026 May-Dec), tiered 100% (0-14 kWh), 60% (14-28), 15% (28-50), rounded down. STC price assumed A\$38 (market rate varies). Source: Clean Energy Regulator (<https://cer.gov.au/schemes/renewable-energy-target/small-scale-renewable-energy-scheme/small-scale-renewable-energy-systems/solar-batteries>).

Install period	Factor
2026 May-Dec	6.8
2027 Jan-Jun	5.7
2027 Jul-Dec	5.2
2028 Jan-Jun	4.6
2028 Jul-Dec	4.1
2029 Jan-Jun	3.6
2029 Jul-Dec	3.1
2030 Jan-Jun	2.6
2030 Jul-Dec	2.1

4. Your quotes compared

Item	Installer A	Installer B	Installer C
Battery	Brand X 13.5	Brand Y 32	Brand Z 20
Usable kWh	13.5	32	20
Price before rebate	A\$11,900	A\$21,500	A\$17,800
Est. STCs / rebate	91 / A\$3,458	156 / A\$5,928	119 / A\$4,522
Net price	A\$8,442	A\$15,572	A\$13,278
Net A\$ per usable kWh	A\$625	A\$487	A\$664
Energy shifted/day (your data)	11.2 kWh (83% of capacity)	11.2 kWh (35% of capacity)	11.2 kWh (56% of capacity)
Est. annual saving	A\$1,106	A\$1,106	A\$1,106
Simple payback	7.6 yrs	14.1 yrs	12.0 yrs
Rebate if installed next period	A\$2,888 (2027 Jan-Jun)	A\$4,978 (2027 Jan-Jun)	A\$3,800 (2027 Jan-Jun)
Warranty	10 yrs / 37.8 MWh	10 yrs / ? MWh	8 yrs / 40 MWh

5. Red flags

Installer A - best on our checks

- No automated flags raised.

Installer B

- Battery (32 kWh) is well above your data-driven range (11.3-12.2 kWh): ask why you need the extra capacity.
- Capacity above 28 kWh earns only 15% of the rebate rate.
- Simple payback exceeds 10 years on bill savings alone.
- Quoted rebate A\$7,200 differs >15% from our estimate A\$5,928: ask for the STC count, factor and usable kWh used.

- No throughput (MWh) warranty limit stated: ask for it.

Installer C

- Battery (20 kWh) is well above your data-driven range (11.3-12.2 kWh): ask why you need the extra capacity.
- Simple payback exceeds 10 years on bill savings alone.
- Warranty shorter than 10 years.

6. Questions to ask your installers

- ☐ Is the capacity quoted as usable kWh? Show the STC count, factor and STC price used.
- ☐ How did you size it - did you use my interval data? Why this size rather than smaller?
- ☐ Who installs it (staff or subcontractor) and who is the accredited installer on the paperwork?
- ☐ Is the battery and inverter on the CER approved list? What is the throughput (MWh) warranty and end-of-warranty capacity?
- ☐ If it fails in year 6, who do I contact and what happens if your business has closed?
- ☐ Exactly which circuits are backed up, and is the backup gateway and switchboard work included?
- ☐ What is the deposit, payment schedule and cooling-off period?

Assumptions: battery round-trip efficiency 90%; battery hours 5pm-7am; savings = energy shifted × (import tariff – feed-in tariff), no degradation, tariff changes or time-of-use arbitrage; flag thresholds A\$900/kWh and 10-year payback. Estimates only. This automated report is general information, not personal financial or electrical advice; get a site assessment from a licensed, accredited installer. Your rights under the Australian Consumer Law are not affected.