

AlphaESS Home Battery

A proven, popular all-in-one battery with a strong Australian track record.

Key Specifications	
Capacity	10.1 – 60.5kWh (modular)
Chemistry	LFP
Inverter	SMILE-G3-S5, 5kW hybrid single-phase
Usable depth of discharge	95% (9.6kWh usable per 10.1kWh module)
Cycle life	8,000 cycles
Efficiency	High round-trip efficiency
Protection rating	IP65 (outdoor)
Warranty	5 yr product / 10 yr battery performance

AlphaESS's SMILE-G3 series is one of the most widely installed all-in-one battery platforms in Australia. The SMILE-G3-S5-10.1P pairs a 5kW hybrid single-phase inverter with a 10.1kWh LFP battery module (9.6kWh usable at 95% DoD), and is VPP-ready with fast FCAS response for households wanting to participate in grid programs.

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Specifications are indicative and subject to manufacturer updates. Confirm current specifications and pricing with your Mercy Rays consultant before purchase.