

GSL Energy Residential BESS Now Entering in Australian Market · CEC Listed · Eligible for Government Subsidies

GSL Energy 10.24 kWh / 14.34 kWh Wall-Mounted Residential Battery Energy Storage System (BESS)

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/EINPresswire.com/ -- With the Australian Federal Government launching the Cheaper Home Batteries Program and including [residential energy storage](#) systems in the SRES (Small-scale Renewable Energy Scheme, allowing for 20 % – 30 % installation cost offset via STCs), the residential energy storage market is entering a phase of rapid expansion.

Due to this policy, BESS that possess CEC listing credentials, complies with the Australian installation standards, and has warehouse stock in Australia have become the key points that installers, distributors, and end-users looking for when purchasing BESS.

[GSL Energy](#) introduces two wall-mounted Residential BESS for the Australian market — 10.24 kWh and 14.34 kWh models. With CEC listed certifications, top tier protection design, and local warehouse stock we have, GSL Energy stand as the optimal channel choice.

01 | Compliance & Market Access: CEC Listed is mandatory for Australia's Subsidy Scheme Both GSL Energy models (10.24 kWh and 14.34 kWh) have passed the Clean Energy Council (CEC) listing review, fully complying with Australian standards for residential battery energy storage systems.

Obtaining CEC listing represents that the system meets the Australian standards in battery



The graphic features a top banner with the text "RESIDENTIAL BATTERY IS OFFICIALLY LISTED BY CEC" and a "CLEAN ENERGY COUNCIL" logo. Below this, a table lists three battery models: "10.24 kWh", "14.34 kWh", and "14.34 kWh". Each model is accompanied by a photo of the battery unit. A red "IN STOCK NOW" badge is positioned over the first two models. The bottom section of the graphic contains six smaller photos showing the batteries installed in various residential settings, including wall-mounted and floor-standing configurations. The website "www.gsl-energy.com" is visible at the bottom.

Model Number	Rated Capacity	Rated Voltage	Rated Power	Rated Energy	Rated Power Factor	Rated Efficiency	Rated Temperature	Rated Humidity
GSL-10.24-10.24	10.24 kWh	51.2V	14.34kW	14.34kWh	0.95	95%	0~40℃	10~90%
GSL-14.34-14.34	14.34 kWh	51.2V	14.34kW	14.34kWh	0.95	95%	0~40℃	10~90%
GSL-14.34-14.34	14.34 kWh	51.2V	14.34kW	14.34kWh	0.95	95%	0~40℃	10~90%

www.gsl-energy.com

safety, cell consistency, BMS architecture, and system efficiency. It qualifies the product for participation in the SRES and STC rebate applications and ensures smooth local installation inspection and grid-connection approval.

For the Australian distributors and installers, having CEC listed BESS is the one and only "entry ticket." Choosing GSL Energy products can now guarantees end-users accessing federal subsidies and achieving legal grid connection.

GSL ENERGY
Much More Than Grade A

IN STOCK NOW

RESIDENTIAL BATTERY IS OFFICIALLY LISTED BY CEC

Model Number	Brand	Manufacturer	Approved Date	Expiry Date	Request Category	Status
GSL-10.24kWh-B-001	GSL	Shenzhen GSE Energy Co Ltd	23-09-2023	23-09-2028	New Residential Battery System (RBS)	NA
GSL-14.34kWh-B-001	GSL	Shenzhen GSE Energy Co Ltd	23-09-2023	23-09-2028	New Residential Battery System (RBS)	NA
GSL-10.24kWh-B-001-IP65	GSL	Shenzhen GSE Energy Co Ltd	24-10-2023	24-10-2028	New Residential Battery System (RBS)	GSL-10.24kWh-B-001

51.2V 10.24kWh LiFePO4 Battery | 51.2V 14.34kWh LiFePO4 Battery | IP65 51.2V 14.34kWh LiFePO4 Battery

CLEAN ENERGY COUNCIL

GSL Energy 10.24 kWh / 14.34 kWh Wall-Mounted Residential Battery Energy Storage System (BESS) | Analysis of Compliance and Supply Advantages for the Australian Market

02 | IP65 Rating Design for Australia's Outdoor & Diverse Climate Conditions

Both GSL Energy wall-mounted systems feature an enclosure structure with an IP65 waterproof and dust-proof rating, suitable for Australia's different climates: humidity, heat, dryness, coastal salt spray, etc.

Suitable for installations on outdoor walls, garage sidewalls, courtyard areas, etc.

Resistant to windblown sand, moisture, and water splash, adaptable for climate zones such as Queensland, South Australia, and Western Australia

For installers and distributors, partnering up with GSL Energy means greater on-site flexibility, broader installation locations, and lower post-installation risks.

03 | The GSL Energy 14.34 kWh Capacity: Perfect Alignment with the Australian Subsidy

Within the STC policy, the subsidy amount per kWh creates a scaling effect for larger capacity segments.

Compared to 10 kWh capacity, the 14.34 kWh offers better value in terms of money, significantly increasing household's evening self-consumption rate and backup duration.

Crucial valuable points include:

Provides stable evening load support for most three members households

Compatible with 5 kW/8 kW/10 kW inverters from most inverter brands

Supports parallel connection of up to 16 units (capacity up to 229 kWh), suitable for larger homes, villas, farms, etc.

Occupies the optimal capacity range for policy subsidies, improving end-user ROI (Returns On Investment)

GSL Energy end-users can leverage this to increase project value and installation margins.

04 | GSL Energy Local Australian Warehouse Stock: Shorter Lead Times, Helps Distributors/Installers to Capitalize on the Subsidy Window

In the early stages of the subsidy roll-out, major drawbacks for the Australian industry include:

Tight supply chains and long production lead times

Limited numbers of [CEC-listed battery](#) products

Surging concentrated installation demand, raising the risk of delivery delays

GSL Energy has established a local warehouse and stock system in Australia (e.g., NSW, QLD, VIC), enabling:

Shipment straight from warehouse, shortening lead times

Synchronization with utility approval cycles and installation timelines

Assurance of project execution capability for channel partners within the subsidy period

Mitigation of delivery uncertainties caused by long import cycles and port congestion

In the context of potential early exhaustion of policy benefits, "local stock availability" has become a core procurement consideration for Australian channel partners.

05 | Conclusion: Australian Residential BESS Enters a Scale-Growth Cycle; Compliance and Supply Capability Will Jointly Determine the Future Market Share

Although the Australian rooftop PV penetration has surpassed 4 million households, energy storage penetration only remains around 8%.

With the government's \$2.3 billion AUD subsidy injection, the Australian residential energy storage market is set for booming growth in the next three years.

GSL Energy provides standardized, scalable, and swift residential energy storage solutions for the Australian market's installers, electricians, and solar-storage integrators through:

A CEC-listed compliance framework

IP65 rating structural design

Valuable 14.34 kWh capacity solution

Local warehouse and short lead time

This empowers distributors and installers to seek strategic growth opportunities within this subsidy cycle.

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