RESIDENTIAL ESS CELL PROCUREMENT | SOUTHEAST ASIA

Top 10 residential ESS cell brands used by Southeast Asian battery manufacturers in H1 2026

A concise shipment and channel reference for distributors, installers, importers and battery pack manufacturers.

The fast answer EVE Energy leads the H1 2026 regional shortlist, followed by Great Power, REPT BATTERO, CATL and BYD Energy Storage. The table ranks cell brands used in residential ESS supply, not finished battery brands or inverter brands.

Use this guide to build a cell-supplier shortlist. Move from the brand name to the exact cell model, production route, batch record and battery factory before issuing a final quotation.

This guide is a condensed procurement reference derived from the full CVC article. It keeps the ranking table, the calculation logic and the buyer checks that matter at the first sourcing stage.

Top 10 reference table

Rank	Cell brand	Country / region	Regional residential ESS supply profile
1	EVE Energy	China	Large-scale cylindrical and prismatic LFP supply; strong Vietnam, Thailand and Philippines reach.
2	Great Power	China	50Ah-280Ah range; cost-focused supply and established residential ESS channels.
3	REPT BATTERO	China	Wound LFP cells, long-cycle positioning and fast regional growth.
4	CATL	China	Large prismatic LFP cells and large-customer supply capability.
5	BYD Energy Storage	China	Vertically integrated cell, pack and system capability; stable Vietnam and Philippines use.
6	CALB	China	Cost-effective prismatic LFP cells for mid-sized and large residential packs.
7	Cornex Energy	China	100Ah-200Ah energy-storage range and growing local-integrator supply.
8	LG Energy Solution	South Korea	Premium NCM and LFP routes for Korean and higher-end residential channels.
9	Gotion High-Tech	China	Cylindrical and prismatic cells with Philippines and Indonesia visibility.
10	Samsung SDI	South Korea	Premium, lower-volume supply for Singapore, Thailand and Korean-linked projects.

The ranking covers Vietnam, Thailand, the Philippines, Malaysia and Indonesia. The source pack does not publish a complete brand-by-brand GWh table, so the list uses a cross-checked regional reconstruction rather than invented per-brand shipment figures.

Data sources and ranking rules

The core measure is H1 2026 residential ESS cell shipment capacity. Regional weights are Vietnam 40%, Thailand 25%, the Philippines 20%, and Malaysia plus Indonesia 15%. The research combines regional shipment tracking from InfoLink Consulting, SNE Research and Frost & Sullivan with company reports, export records, local battery-factory procurement sampling and channel evidence.

The scope stays within residential ESS. Commercial storage, grid-scale projects and EV batteries are outside this table. The source list is designed for supplier shortlisting and channel procurement, not for a finished-battery sales ranking.

Cell brand and battery brand: keep the roles separate

Supply layer	What it controls	What the buyer checks
Cell brand	Cell chemistry, capacity, consistency and upstream traceability	Exact model, format, batch and test records
Battery factory	Pack design, BMS, protection, enclosure, certification and warranty	Finished battery model, BOM and service responsibility
ESS system brand	Inverter, EMS, monitoring, commissioning and local system channel	System topology, communication and installer route

A cell quotation, a battery pack quotation and a complete home ESS quotation are three different commercial products. CVC can connect the cell brand, battery factory and finished product route into one sourcing discussion.

Buyer checks for the 10 ranked brands

Record these fields in the first supplier comparison sheet:

Check	Record	Why it affects the quotation
Cell identity	Exact model, chemistry, format and nominal capacity	Different cell formats change pack layout, current and price.
Factory route	Production site, supplier entity and batch/date code	The brand name alone does not identify the shipping entity or batch.
Electrical fit	Charge/discharge current, temperature range and BMS profile	The pack and inverter must operate inside the cell and BMS limits.
System fit	Finished battery model, inverter and target market	The cell must work inside the intended product and installation route.
Commercial file	MOQ, lead time, warranty issuer and replacement route	These fields determine repeat supply and after-sales ownership.

CVC sourcing support

CVC helps distributors, installers and battery manufacturers compare cell brands, identify suitable pack factories, coordinate samples, review product documents and obtain export quotations for Southeast Asian projects.

Send these project details	Target battery capacity, cell format, inverter brand, market, order quantity and delivery requirement.
Need a cell or battery match?	CVC can connect your project with suitable cell and finished-battery suppliers.

Website: www.cvcenergy.com
Phone / WhatsApp account: +86 156 2933 2657
WhatsApp chat: wa.me/8615629332657