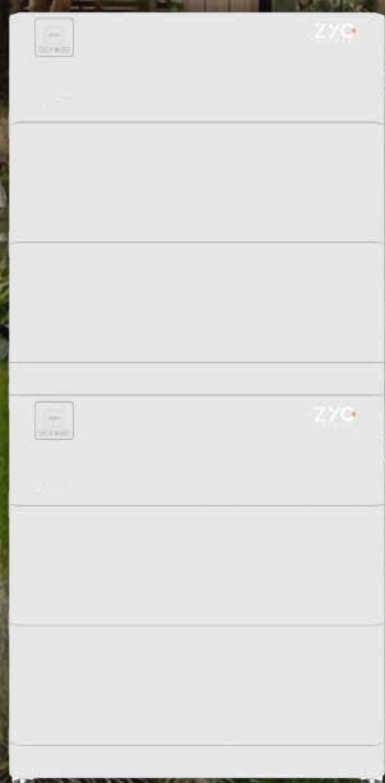


Your **SIMPLE** Battery fit **ALL**

SIMPO FlexVolt

One System
Endless Flexibility

- Safe LFP Technology, High safety & stability
- On Grid or Off-Grid, FlexVolt powers you
- Up to 1.28MWh, High capacity system
- Stackable Design, Easy expansion
- IP65 Rated, Indoor & outdoor use
- 80 in Parallel, Massive scalability
- 8000+ Cycles, Long service life
- Wide Compatibility, Mainstream LV inverters
- Remote Control, Smart monitoring





Modular Capacity

Each system includes 2 modules, providing 16kWh.



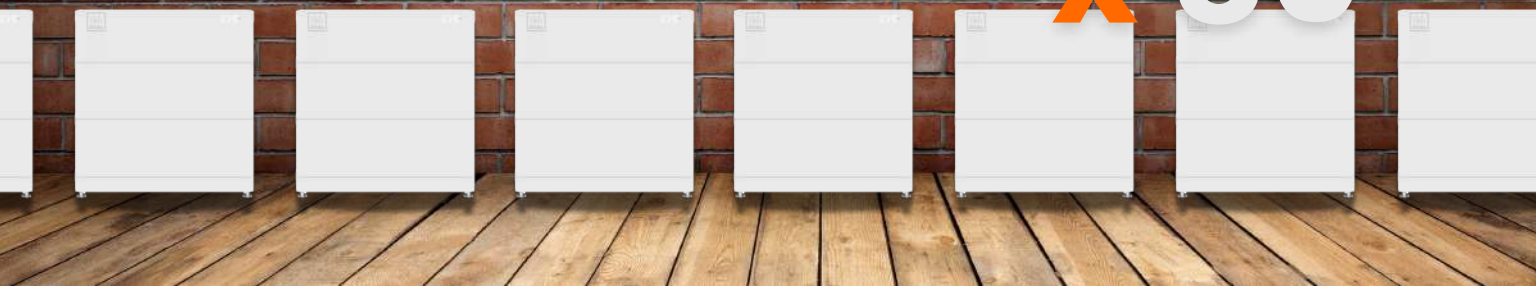
Stackable Design

Two systems can be safely stacked vertically, doubling capacity to 32kWh in the same footprint.

From kWh to

With parallel connection of up to 80 systems, FlexVolt scales effortlessly from small setups to large-scale energy storage exceeding 1.28MWh.

x 80





Safe LFP Technology

Two systems can be safely stacked to save space and deliver higher energy density.

Ultra-8000+ Cycles

Designed for durability, the system supports more than 8000 charge/discharge cycles.

IP65 Protection

Rugged IP65-rated enclosure for both indoor & outdoor use, ensuring dustproof and waterproof operation.

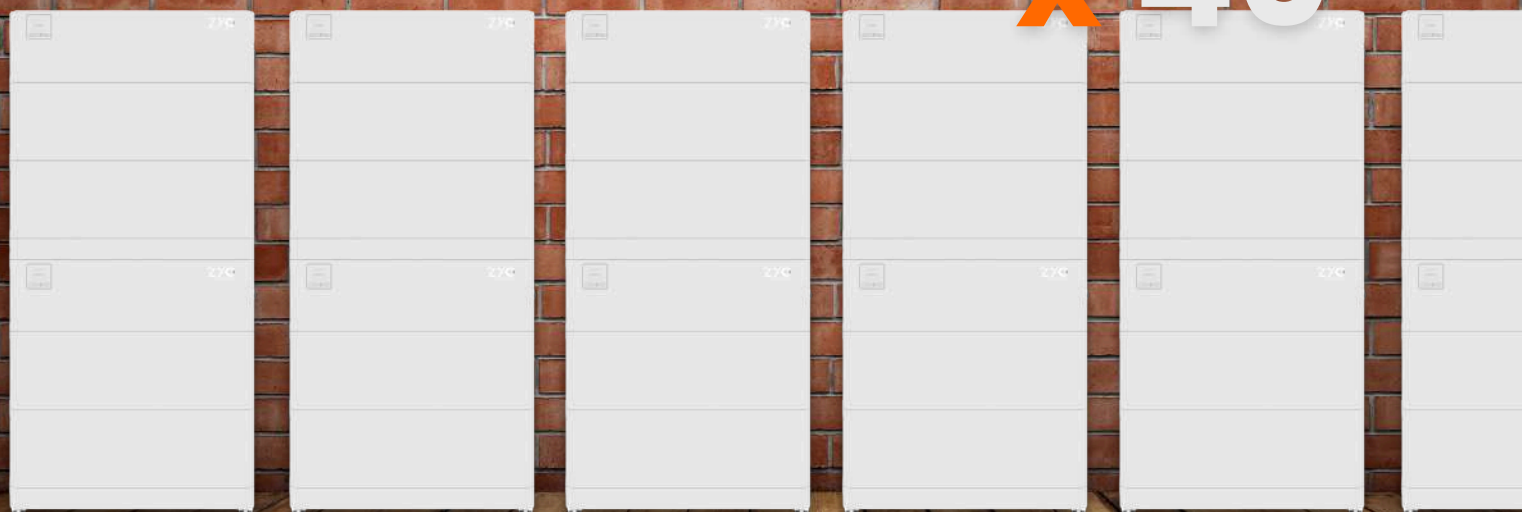
On Grid or Off-Grid Use

FlexVolt supports both On grid and off-grid setups, delivering reliable energy wherever it's needed.



5 MWh

x 40



Specification of SIMPO FlexVolt

Module Type	8 kWh, 25.6V, 67.5 kg (LFP)
Modules Number	2
Nominal Energy	16.0 kWh
Nominal Voltage	51.2 V
Operating Voltage Range	40.8~58.4V
Weight	166 kg
Dimension(W×H×D)	820 × 860 × 240 mm
Max Constant Current	200 A
Peak Current	250 A (5s)
Protection Class	IP65
Charging Temp Range	0~+50°C
Discharging Temp Range	-20~+50°C
Operating Humidity Range	< 95% (Non-Condensing)
Altitude	≤3000m
Efficiency	≥95%
Communication	CAN / RS485
Application	On Grid / Off-grid / Back up
Scalability	Up to 80 sets in parallel (Maximum 1.28MWh for one system)
Certificates	CEC, UN38.3, CE, IEC62619, IEC62040
Warranty*	10 Years Performance Warranty

*Warranty conditions apply. Please refer to the official ZYC Energy Limited Warranty Statement for full details.

Information class: Public
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EN | V1.0 | Mar 2026

Broad Inverter Compatibility

Fully compatible with mainstream low-voltage inverters, making system integration seamless and efficient.



Massive Scalability



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