

10.24~30.72kWh Pre-Wired Cabinet

A pre-wired energy storage solution combining the ZYC SIMPO 5000 battery system with the Victron RS19 platform.

Designed for seamless integration, fast installation and reliable performance across a wide range of ESS applications.

Seamless Victron Integration

Fully integrated within the Victron ecosystem

Validated communication and compatibility ensure smooth integration with Victron RS19 systems and monitoring platforms.

Remote System Management

One platform for system visibility and maintenance

Monitor battery performance and perform firmware updates remotely through Victron VRM.

Charging at -10°C

Ideal for Tough Scenarios

Low temperature friendly battery technology, ensures optimal charging even in winter, down to -10°C

Pre-Wired Cabinet

Faster installation with reduced wiring effort

Pre-wired battery cabinets to suit max 6 batteries for ease of installation and better space utilisation

Hot Swappable

Maintenance without system downtime

Easy maintenance, without interruption of system running.

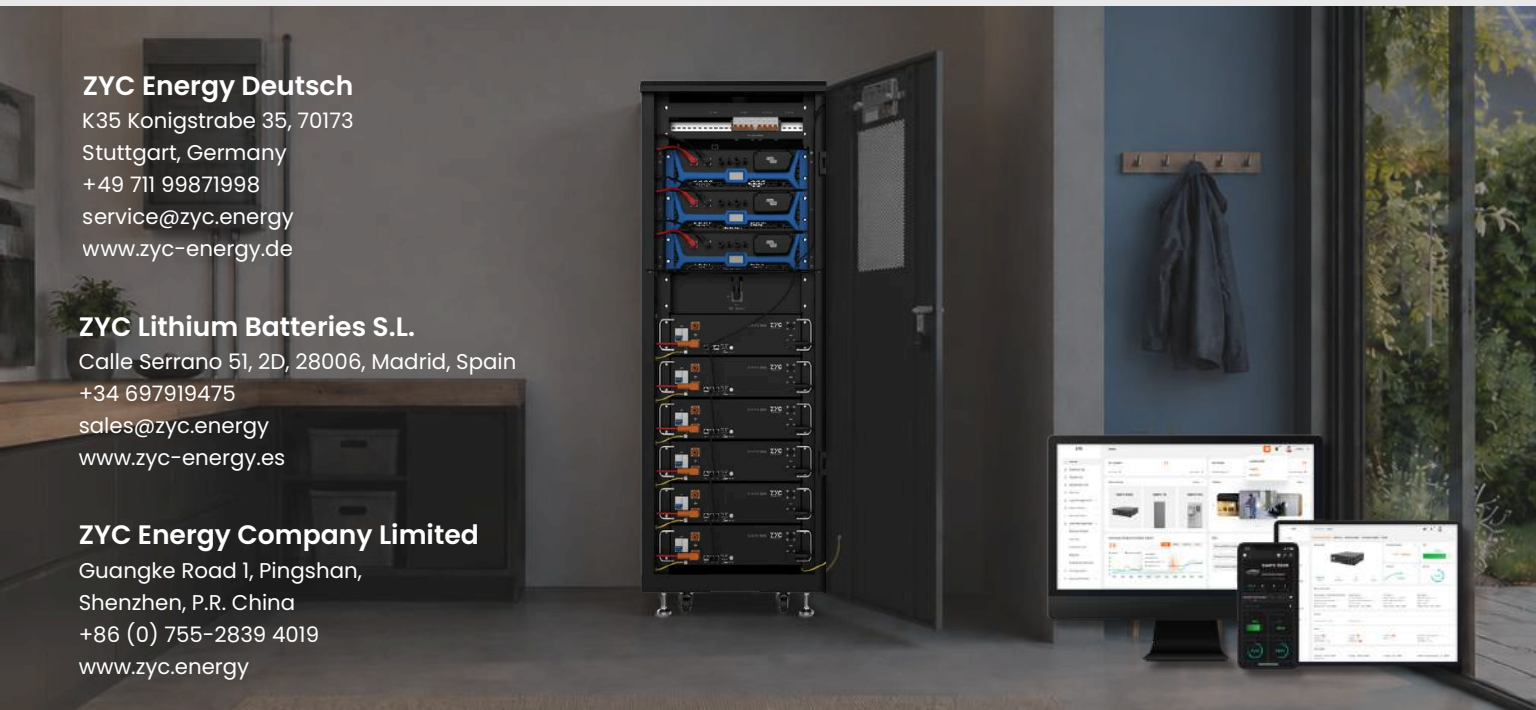
AC Distribution Ready

Easy integration for AC connection

Dedicated space for breakers, with a manual grid switch for easy operation and grid connection

Specification of Cabinet	
Battery	
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Module Models	SIMPO 5000
Number of Battery Modules	2~6
Number of Victron RS19	1~3
Energy	10.24kWh~30.72kWh
Nominal Voltage	51.2V.dc
Battery Module Voltage Range	40.8~58.08V.dc
Charging / Discharging C-Rate	1C
Cycle Life	>8,000 (@25°C)
Charging Temperature	-10°C~+55°C
Discharging Temperature	-20°C~+55°C
Efficiency(@0.5C)	>95%
Scalability	Max 80 Modules In Parallel
Certificates	UN38.3, CE, IEC62619, IEC62040, CEC
General Data	
DC Breaker	Rated Current: 325A
Dual-Path Switch	Manual Transfer Switch
Cables with Quick connectors to RS19	3 Pairs, Quick plug-in
Fuses holders	Compatible for Mega/Class T Fuse
AC Breakers Holder	For Grid and loads
IP rating	IP20
Humidity (non-condensing)	Max 95 %
Maximum Altitude	3000 m
Battery Module Weight	44kg
Cabinet Weight	120kg
Dimension (WxDxH)	620mm × 600mm × 1890mm
Battery Interconnection	Pre-Wired Quick Connector With 25mm² Cable

Information class: Public
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