



5.12kWh~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	1~6
Number of Victron RS19	1~3
Energy	5.12kWh~30.72kWh
Nominal Voltage	51.2V.dc
Battery Module Voltage Range	40.8~58.08V.dc
Charging / Discharging C-Rate	1C
Cycle Life	>6,000 (@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: 400A
Dual-Path Switch	Manual Transfer Switch
Cables with Quick connectors to RS19	3 Pairs, Quick plug-in
Fuses holders	Compatible installation dimensions for Mega/Class T Fuse
AC Breaker holders	For both sides of Grid and loads
DC Busbars	For both sides of battery and RS19
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
Copyright © 2026 ZYC Energy. All rights reserved.
EN I V111 Jul 2026

ZYC Energy Deutsch

K35 Königstraße 35, 70173
Stuttgart, Germany
+49 711 99871998
service@zyc.energy
www.zyc-energy.de

ZYC Lithium Batteries S.L.

Calle Serrano 51, 2D, 28006, Madrid, Spain
+34 697919475
sales@zyc.energy
www.zyc-energy.es

ZYC Energy Company Limited

Guangke Road 1, Pingshan,
Shenzhen, P.R. China
+86 (0) 755-2839 4019
www.zyc.energy

