

ZYC Cabinet RS

All-in-One Storage solution for Victron Multi RS19

Key Feature: SIMPO Cabinet RS



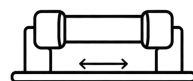
Wide Power Range

6-18 kVA, supports up to 3 Victron Multi RS19 units



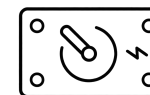
Fuse Holder

Equipped with dedicated fuse holder



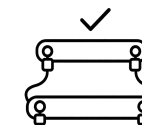
Protection Assembly

Pre-installed AC interlock & DC isolator assemblies



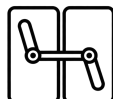
Internal Hardware

Pre-wired Cables & busbars



Uninterrupted Load Supply

Safe maintenance without cutting load supply



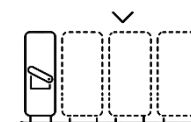
GX Monitor Reserved Mount

Reserved slot for Cerbo/Ekrano GX monitor



Spare MCB Slots

Reserved slots for additional MCB devices



Easy Inverter Fitting

Designed for quick & easy inverter mounting



Key Feature: SIMPO 5000



**Automatic
Commissioning**



Remote Monitoring



1C High Power



Hot-Swappable



**Scalable up to 80
batteries in parallel**

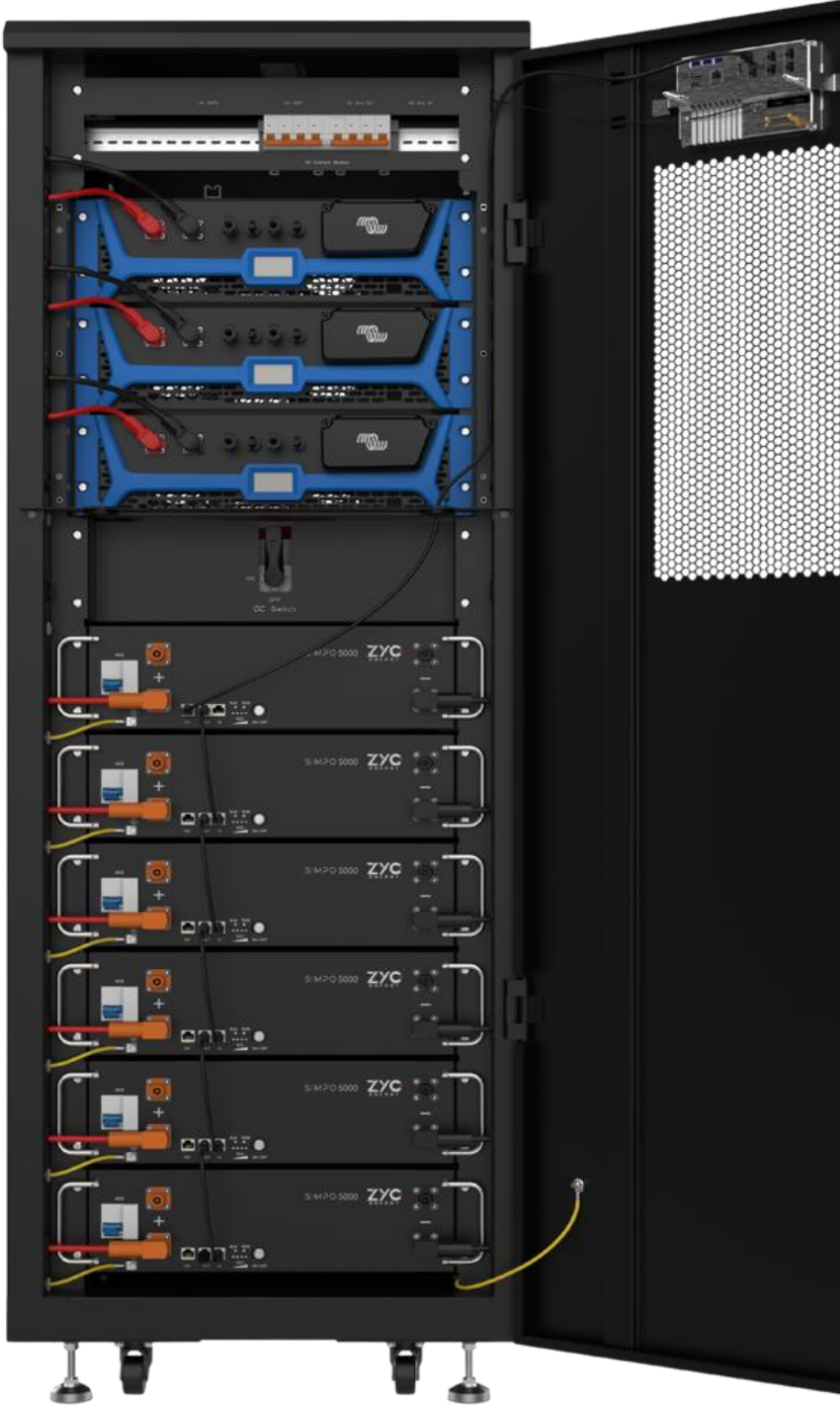


**Low Temperature
Performance**

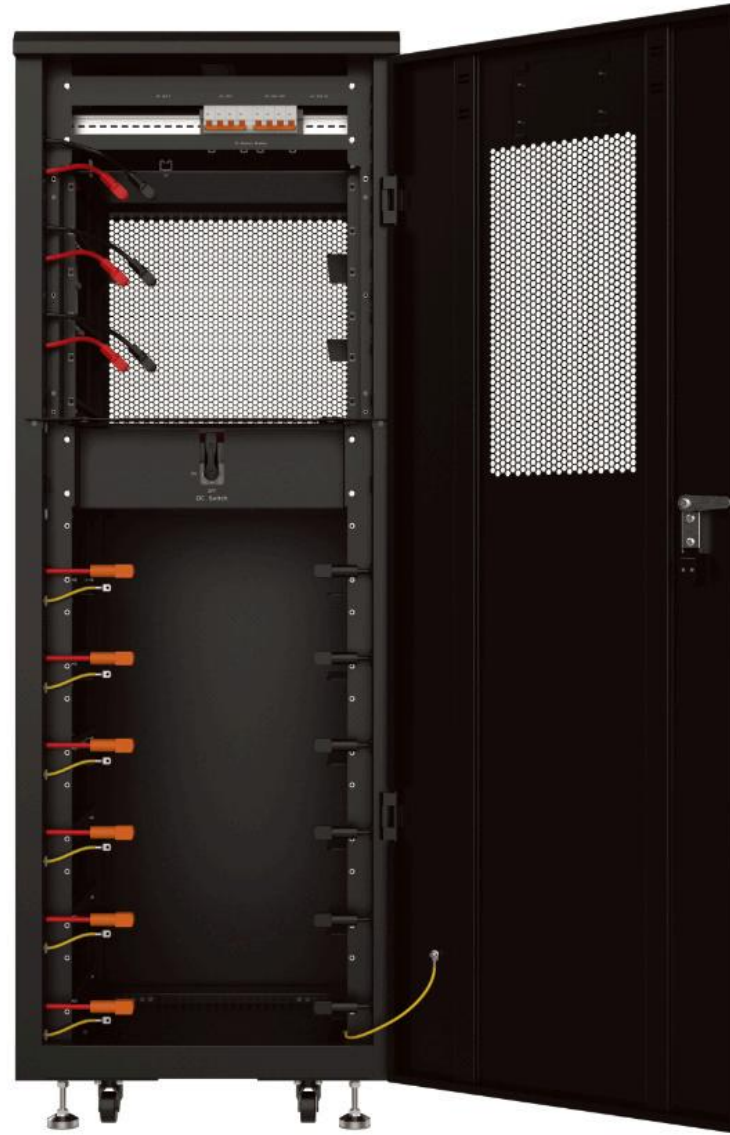


Specifications of SIMPO Cabinet RS

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



Cabinet Overview



Front View



Reserve slots for MCBs

AC Interlock MCB

Pre-installed cables for Victron Multi RS19

Pre-installed DC Isolator

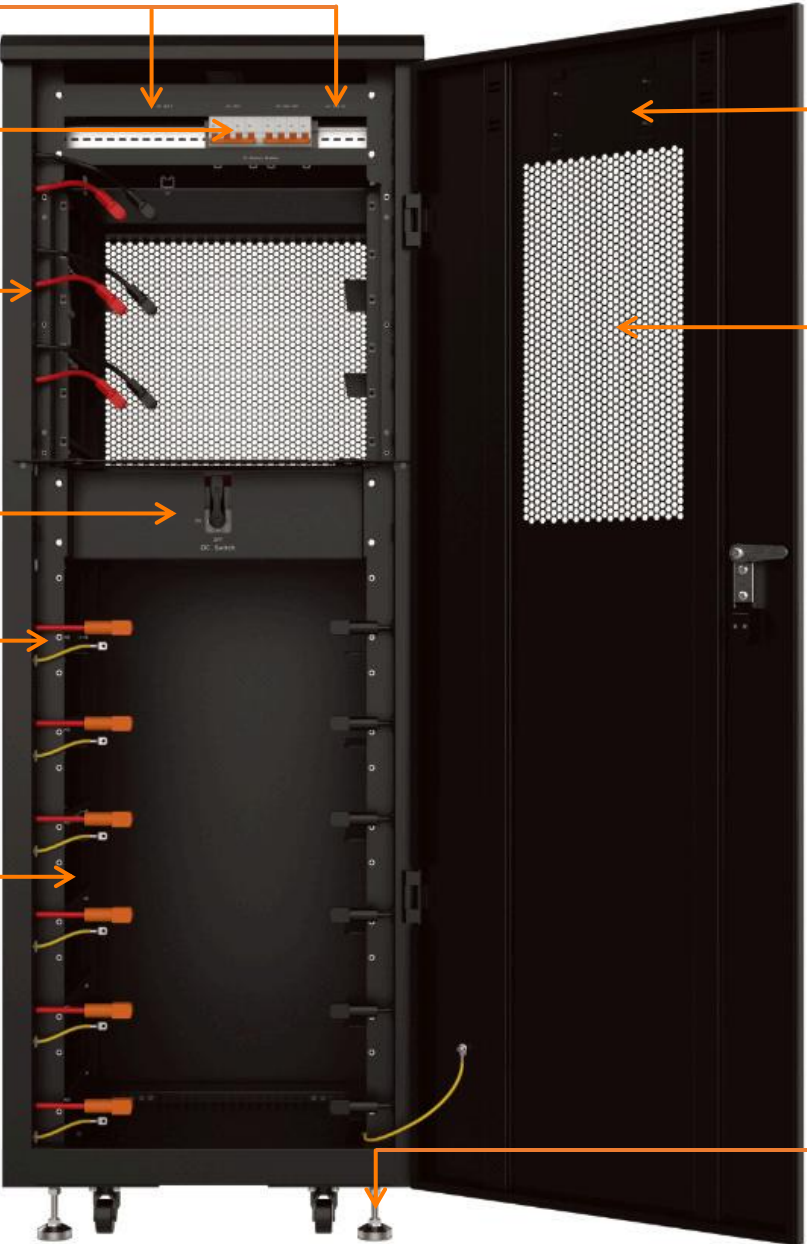
Pre-installed cables for SIMPO 5000

Battery rail

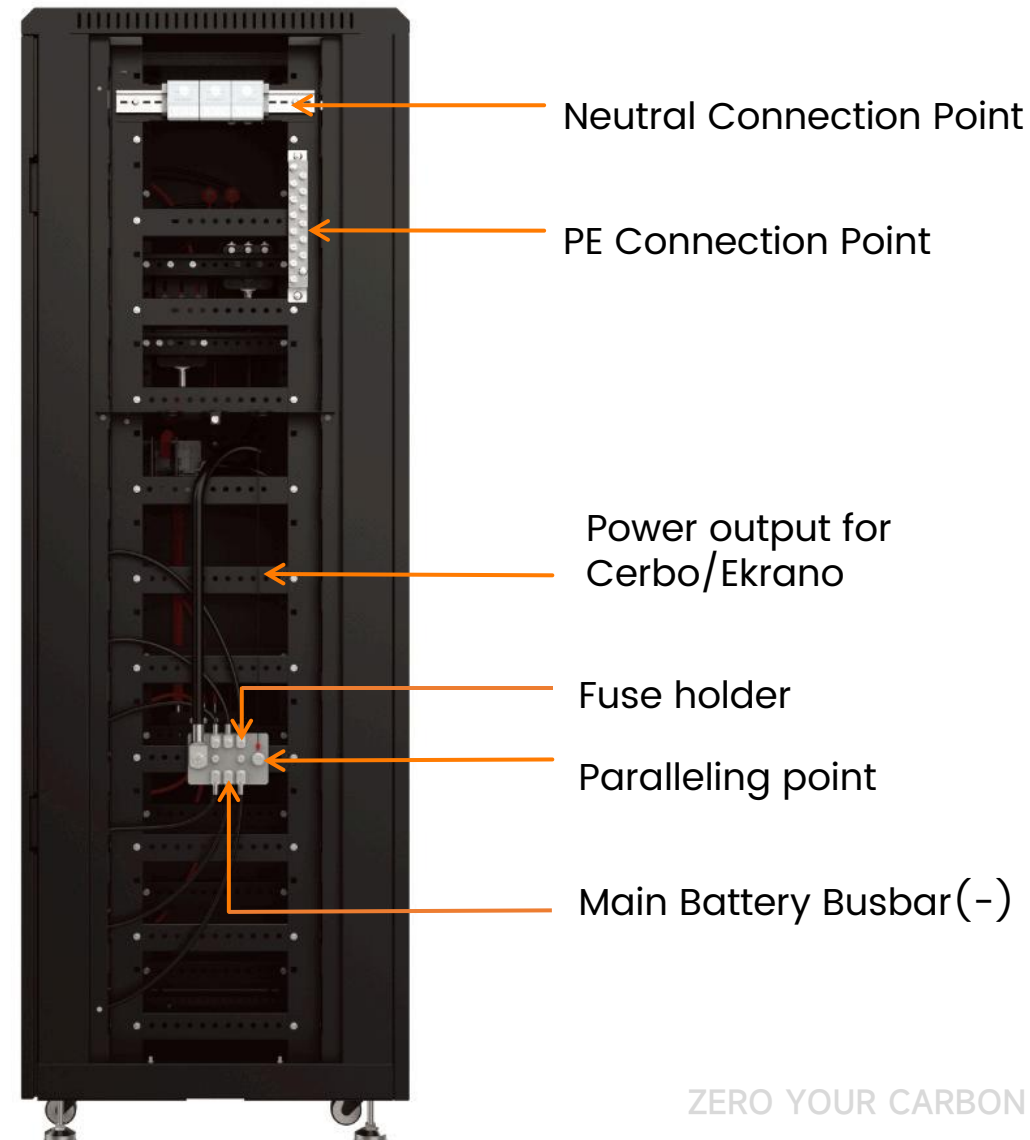
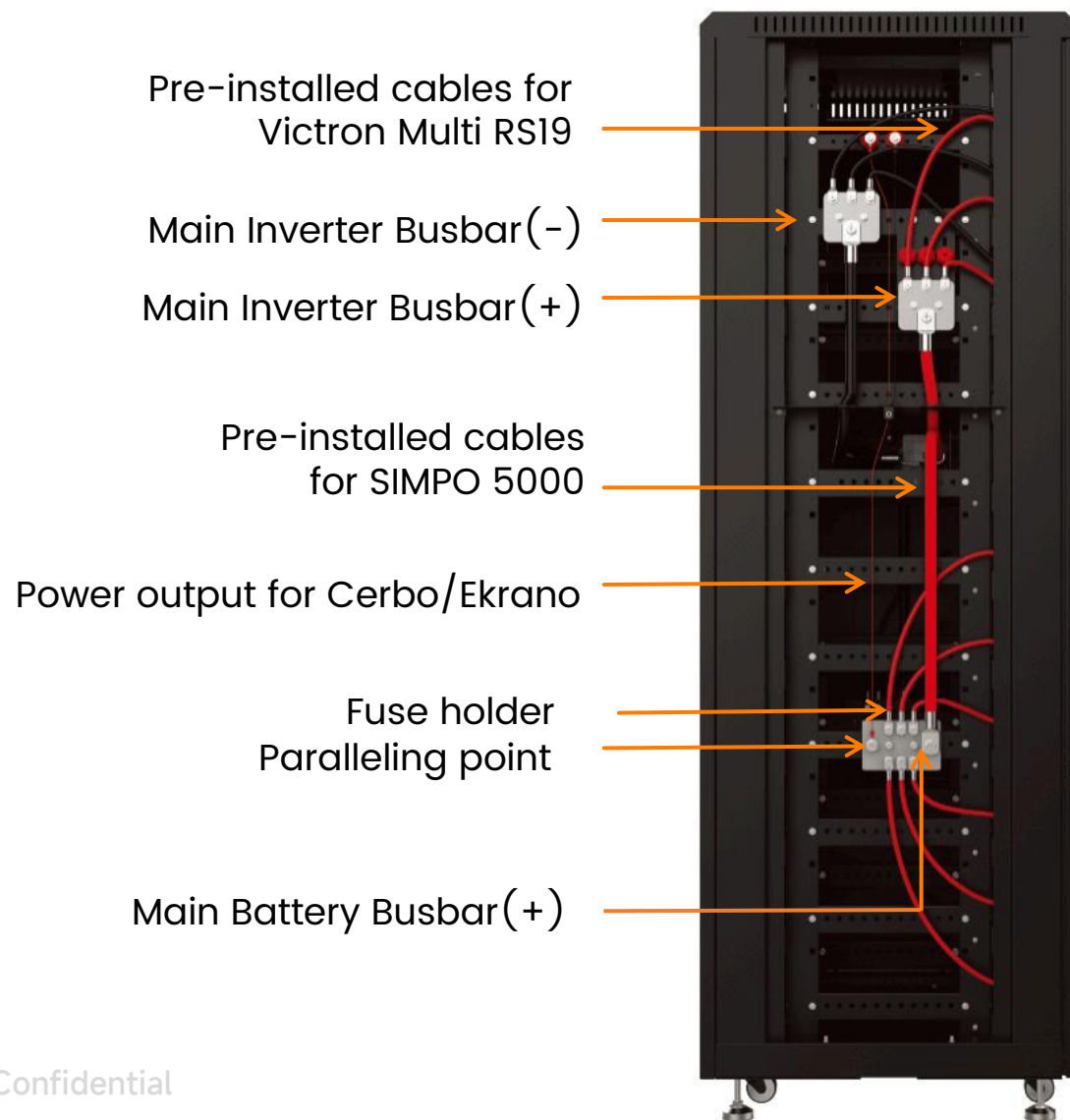
Reserve slot for GX

Ventilation area

Wheels and supporting feet

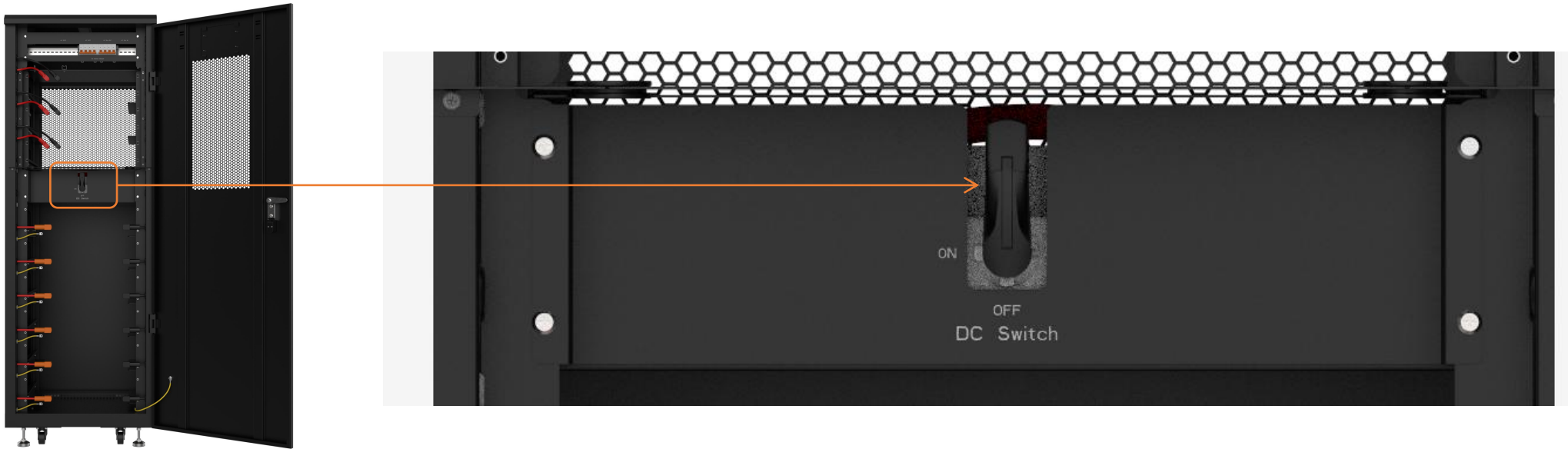


Side View



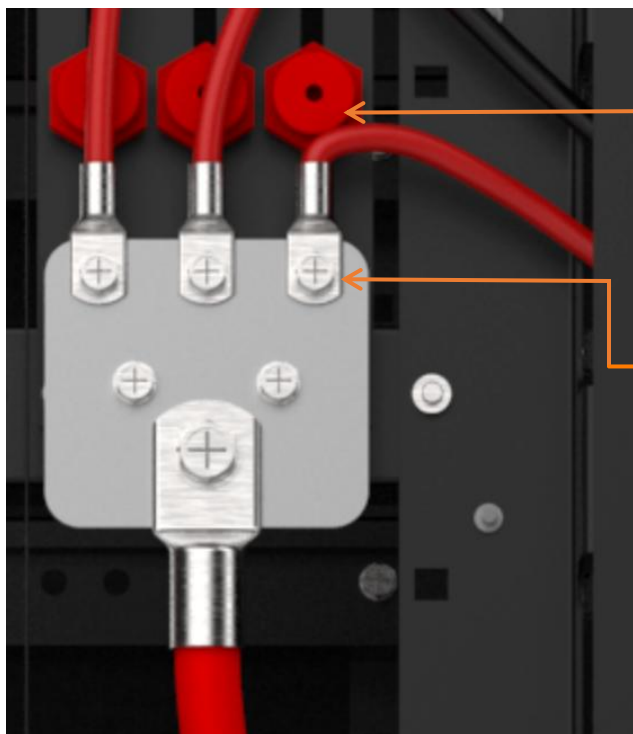
SIMPO Cabient RS –Main DC Switch

Pre-installed DC Switch



SIMPO Cabient RS –Fuse holder

Reserve space for various fuse types

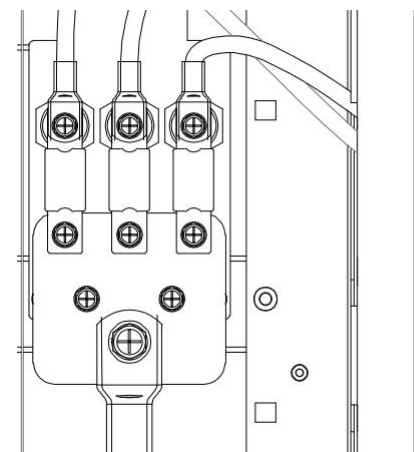


1.Loosen screws

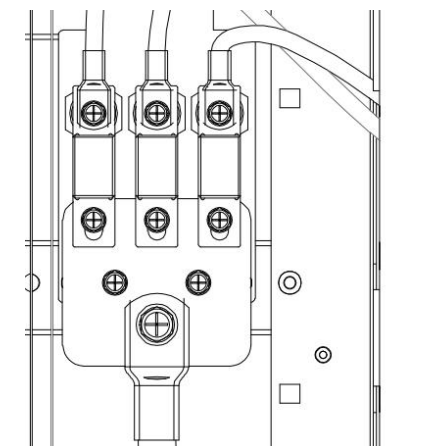
2.Install fuse

3.One end → busbar

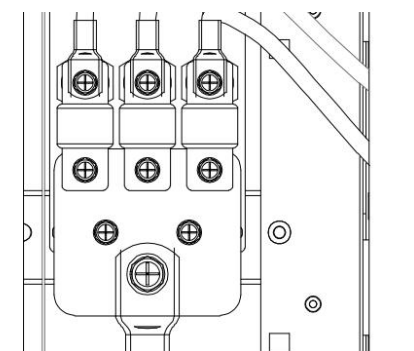
4.Other end → power cable
(on insulator)



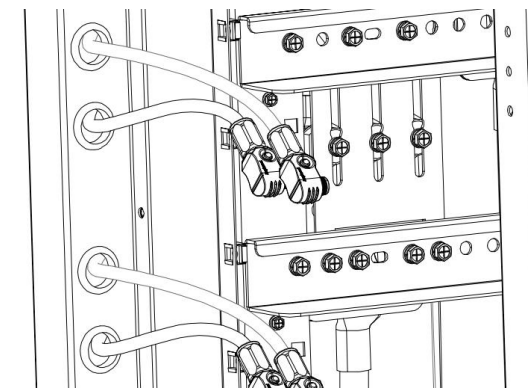
Type 1



Type 2



Type 3/others



SIMPO Cabient RS – Reserve MCB slots

Reserve space for multiple AC Breakers

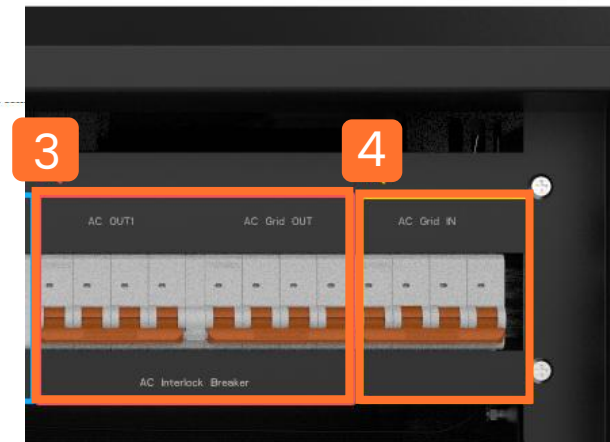
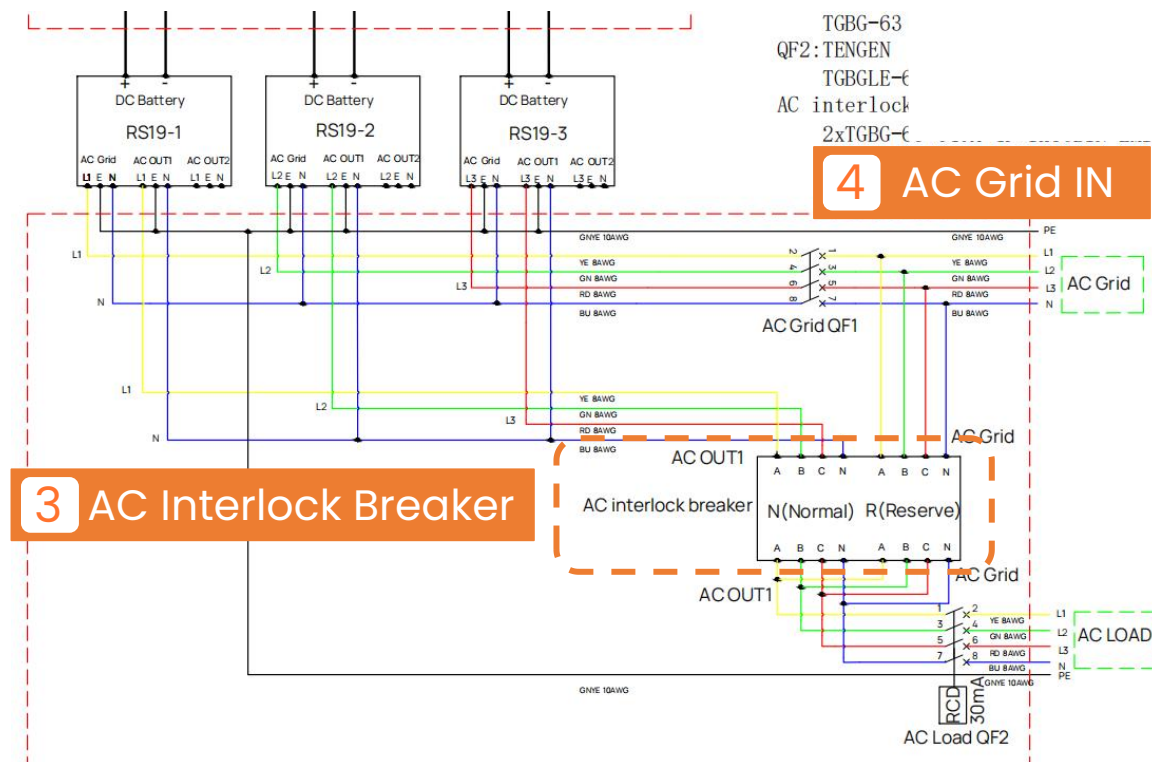


- 1 Reserved space for a 4P AC output MCB
- 2 Reserved space for Victron Multi RS19 'AC-out-2' AC output.
- 3 Pre-installed AC Interlock Breaker (For Maintenance)
- 4 Reserved space for a 4P AC input MCB

2.1.2. Two AC outputs

Besides the usual uninterruptible output (AC-out-1), an auxiliary output (AC-out-2) is available that disconnects its load in the event of battery-only operation. Example: an electric boiler that is allowed to operate only if the AC input is available.

There are several applications for AC-out-2.



- ### 3 Optional: Open AC Grid IN
- Stop AC reaching the inverter

SIMPO Cabient RS –Easy Expansion

Easily parallel multiple cabinets

Up to **80** battery modules in parallel
No extra components required for cabinets parallel
Only **busbar to busbar**



Confidential

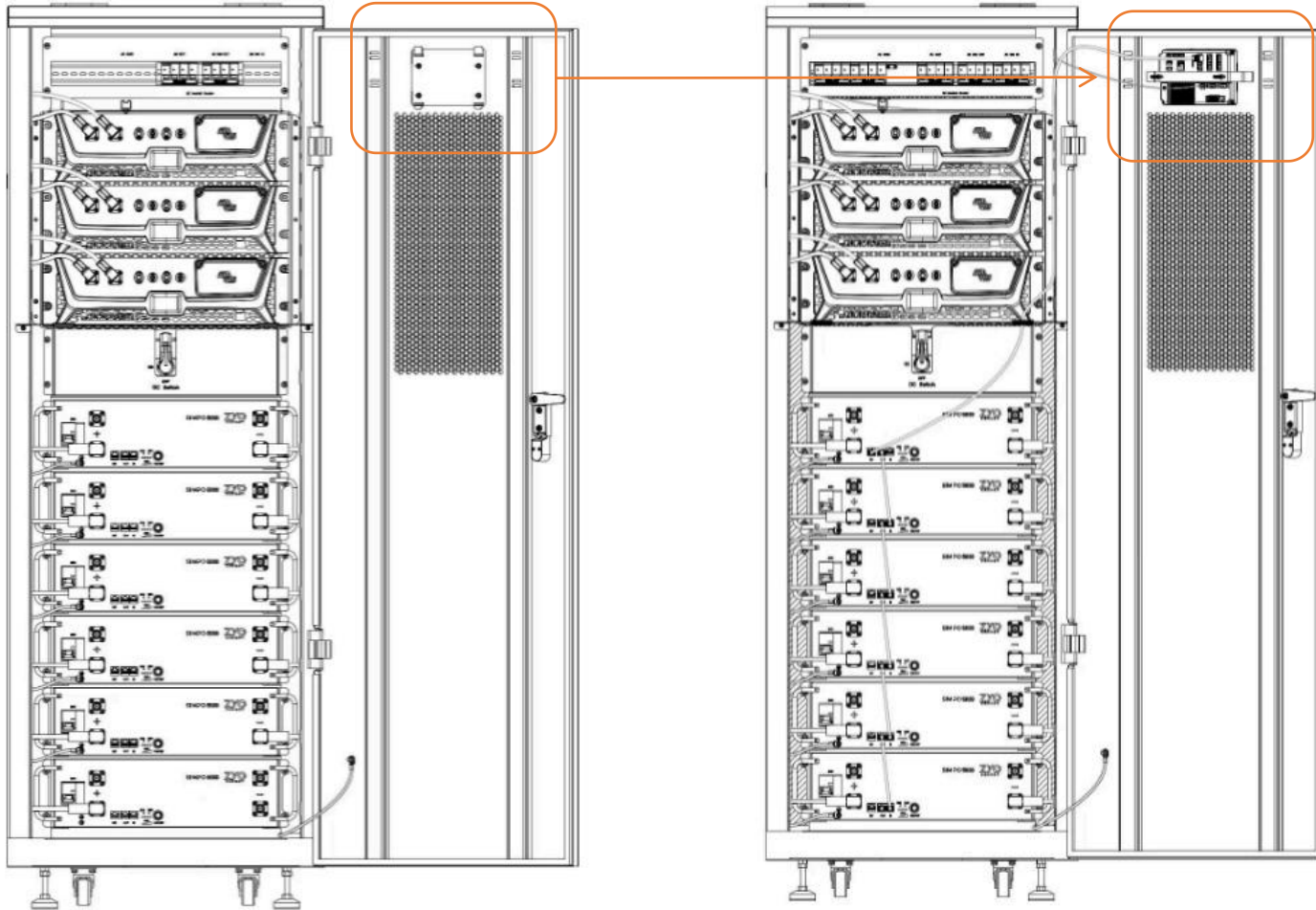
SIMPO Cabinet RS

SIMPO Cabinet 6/10
SIMPO Cabient 4/6/10+

ZERO YOUR CARBON

SIMPO Cabient RS – Reserve space for GX/Ekrano GX

Ready for GX integration



Cerbo GX

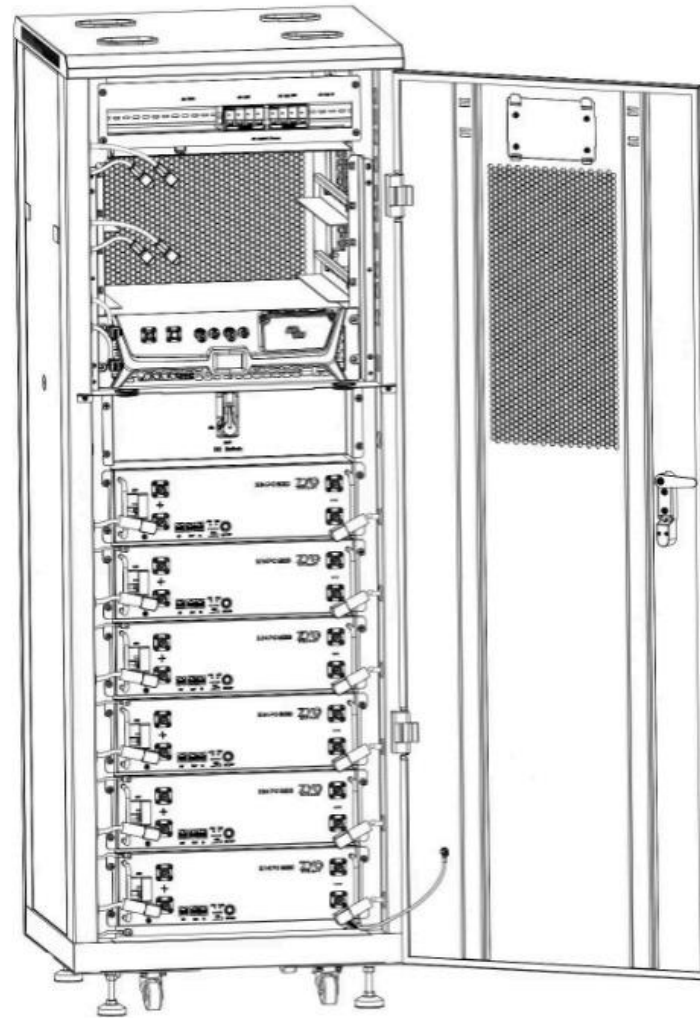


Ekrano GX

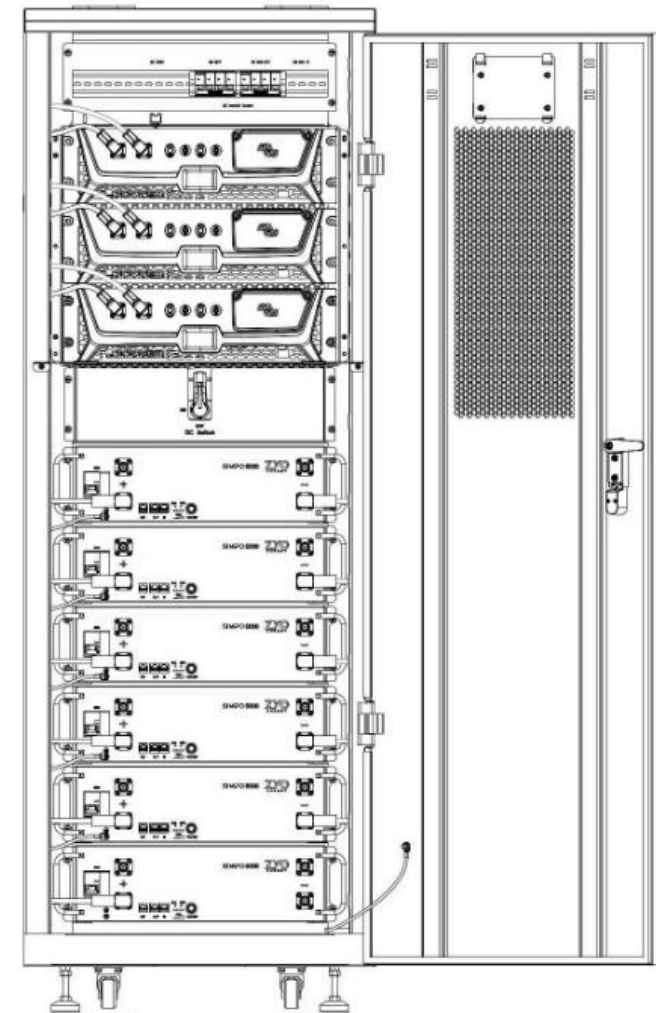
SIMPO Cabient RS –Ready for Inverter Fix



Pre-installed cables
for Victron Multi RS19



Step 1. Slide in Multi RS19



Step 2. Finish Plugging