



Product brochure

Vertiv™ PowerBoard Go

Configure at speed.



Introduction

Vertiv™ PowerBoard Go is a UL certified low voltage switchboard, focused on the North American market, leverages data center expertise and technology while reducing lead-time and installation speed. This is made possible through a bundled kit approach, with a pre-selected set of components. These pre-configured options can be ordered and delivered in much less than engineered to order switchboard. Like data centers the rest of the North American economy is electrifying and Vertiv is here to help these customers to power their applications quickly, reliably and most importantly safely with customer preferred manufacturers.

Applications: commercial and industrial facilities including hospitals, universities, warehouses, manufacturing plants and Datacenters

Key features:

- UL Certified.
- Up to 4000A main breaker.
- Group mount distribution section with breakers rated up to 1200A.
- Interrupt ratings up to 100kAIC.
- Voltage rating up to 480V and available in 3 phase 3 wire and 3 phase 4 wire configurations.
- Indoor or outdoor applications.
- Tin plated aluminum or copper bus.
- Options to use key components from various suppliers based on customer preference.
- Modular design / compact footprint.
- Ease of installation and maintenance.
- Front access only.
- Optional SPDs and customer metering.
- Optional energy reduction maintenance switches for all breaker types.

Benefits:

- Quick quotation and submittal package using a CTO tool (Configurator to Order).
- Quick delivery: Lead time can be optimized based on complexity.
- Breaker agnostic, Vertiv has standardized on ABB, *LS Electric and *Siemens breakers
- Switchboards shipped in sections for ease of installation, maneuverability and replacement.
- Switchboards can be lifted from top or bottom.
- Captive splice plates for hassle free installation and future expansion.



Vertiv™
PowerBoard Go

Safe and reliable power deployed rapidly

Per current market conditions and growth of AI, customer need safe and reliable power deployed rapidly. Vertiv's Low Voltage Power Distribution Solutions (LV SWBD and LV SWGR) have historically provided designs that meet and exceed design standards for data center applications. This gives freedom to choose electrical components from a preselected manufacturers to optimize design and lead-times.

Vertiv PowerBoard Go UL891 certified low voltage switchboard, focused on the North America market, leverages data center expertise and technology while reducing lead-time and installation speed, with a preselected set of components. These pre-configured options can be ordered and delivered in less than engineered to order switchboard. Like data centers the rest of the North American economy is electrifying and Vertiv is here to help these customers to power their applications quickly, reliably and most importantly safely with customer preferred manufacturers.

*Coming soon.



Customer needs

I need...

Lead time reduction:

- Configure to order design.
- Pre-approval phase eliminated

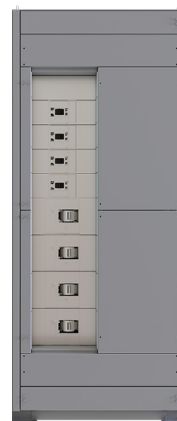
I need...

Fast, flexible and safe solution:

- Fast: standard offering speeds up product design and lends to bulk orders
- Flexible breaker options include ABB, *LS Electric and Siemens
- Safe: UL listed solution

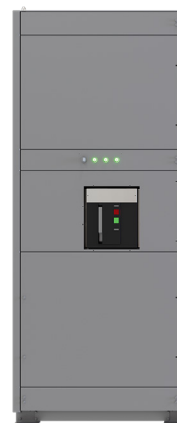
The Vertiv™ PowerBoard Go is a UL listed modular switchboard which underwent complete and extensive testing at accredited laboratories to meet highest standard of performance, reliability and operator safety. Aside from its modularity, it is also breaker-agnostic, offering extra flexibility to customers with different suppliers. The Vertiv PowerBoard Go quickly delivers a reliable, safe, and flexible power solution for your dynamic critical IT infrastructure.

Main section breaker rating	Supplier	Location	Busbar	Type
4000A	ABB *LS Electric *Siemens	Indoor / NEMA1	Al	3P3W
		Outdoor / NEMA3R*	Cu	3P4W
Consult factory for detail				
>2500A & <4000A		Indoor / NEMA1	Al	3P3W
		Outdoor / NEMA3R*	Cu	3P4W
Consult factory for detail				
≥2500A	Indoor / NEMA1	Al	3P3W	
	Outdoor / NEMA3R*	Cu	3P4W	
Consult factory for detail				



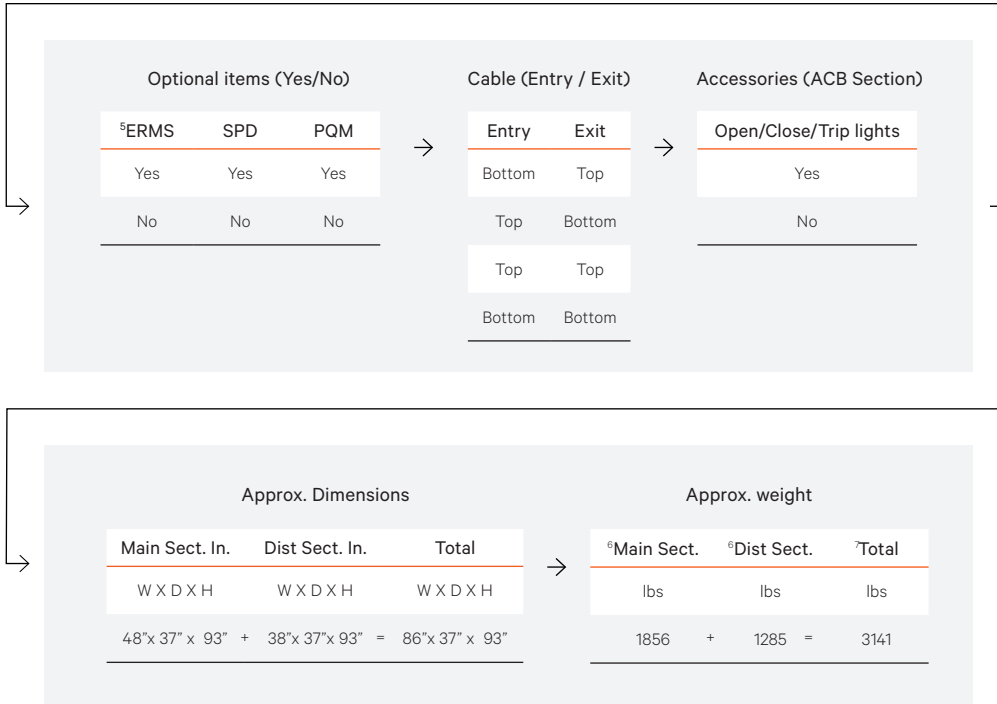
Vertiv™ PowerBoard Go - distribution section representative image

⁸ Distribution section MCCB frame rating							
ABB							
¹ Reqd.qty.	Rating	² Reqd.qty.	Rating	³ Reqd.qty.	Rating	⁴ Reqd.qty.	Rating
	125A		250A		600A		1200A
*LS Electric							
¹ Reqd.qty.	Rating	² Reqd.qty.	Rating	³ Reqd.qty.	Rating	⁴ Reqd.qty.	Rating
	125A		250A		600A		1200A
*Siemens							
¹ Reqd.qty.	Rating	² Reqd.qty.	Rating	³ Reqd.qty.	Rating	⁴ Reqd.qty.	Rating
	125A		250A		600A		1200A



Vertiv™ PowerBoard Go - main section representative image

*Coming soon.



1. Max. 14, 125A MCCB can fit in one distribution section.
2. Max. 14, 250A MCCB can fit in one distribution section.
3. Max. 10, 600A MCCB can fit in one distribution section.
4. Max. 7, 1200A MCCB can fit in one distribution section except Siemens.
5. 1200A MCCB is supplied with ERMS, this option is for <1200A MCCB.
6. It does not include any breaker or MCCBs weight in it.
7. Approx. 300lbs per section can be added in either sections for breaker(s) weight to have more accurate Vertiv Powerboard Go weight.
8. Different combination of MCCBs are possible, please reach out to Vertiv sales team for further info.

Vertiv™ Lifecycle Services

Vertiv's Powerboard Go Switchboard is designed to provide system protection, circuit isolation and distribution. Vertiv Services programs, performed by **Vertiv factory trained technicians**, match the equipment's robustness to make sure that your critical power distribution system is maintained in optimum performance throughout its lifecycle.

The Site Arrival Services provides initial inspection to confirm the system can be installed without hesitation due to delivery concerns and confirms the product alignment with the project's objectives. This allows for a smooth transition to the installation phase and avoids unnecessary cost or delays during the installation.

Vertiv's Startup Services includes complete, pre-energized visual and mechanical inspection in accordance with the Vertiv Powerboard Go Switchboard's specification.

A **System Acceptance Test (SAT)** is performed, while the system is energized, to validate the system controls perform as designed. **Standby Support Services** ensures system commissioning and integration testing are successful.

To provide the continued, optimum operation for the switchboard, **Vertiv Services** offers flexible **Preventive Maintenance (PM)** programs to support, with or without equipment shutdown, service maintenance. **Warranty programs and Renewable Service Contracts** combine with continuous, proactive maintenance, to increase uptime confidence, minimize total cost of ownership, while increasing reliability.



Level	Service	Description
L1	Site Arrival Inspection	Equipment inspection and configuration verification
L2	Visual and Mechanical Inspection	Mechanical and electrical checks
L3	System Acceptance Test and Startup	System controls, voltage verifications and communications
L4	Standby Commissioning Support	Commissioning service support availability
L5	Standby Integrated System Test	Integrated System Test service support availability

Beyond standard warranty and service

Vertiv service's optional supplement and extended warranties provide complete coverage of the Vertiv™ PowerBoard Go Switchboard system. After the warranty period ends, renewable contracts are available to increase the uptime of the Switchboard. Contact a Vertiv Service Sales representative for more information.

Stay up to speed.



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