



Modular Energy Storage For Internal Installations



RPSLinkIN

Deploy Fail-Safe Energy Storage to meet any site's needs with **RPSLink** Modular Energy Storage System

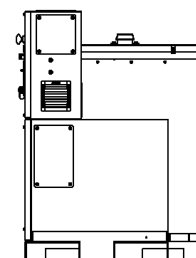
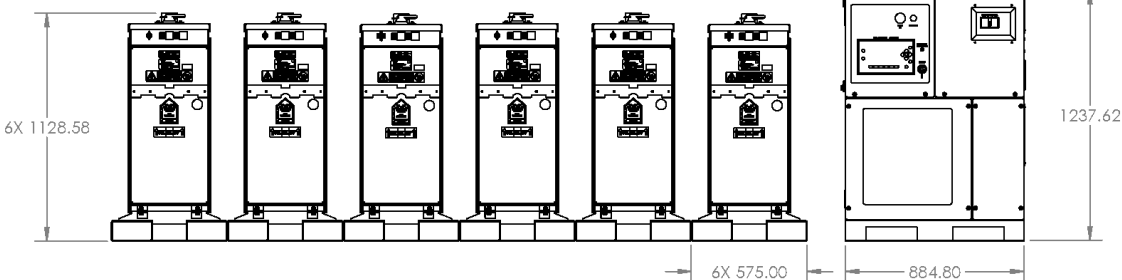
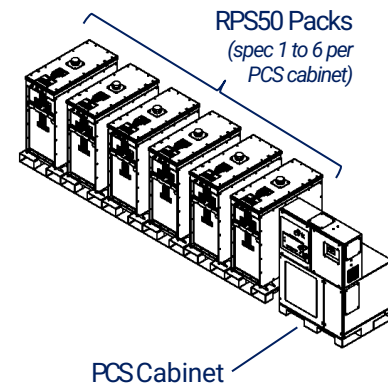
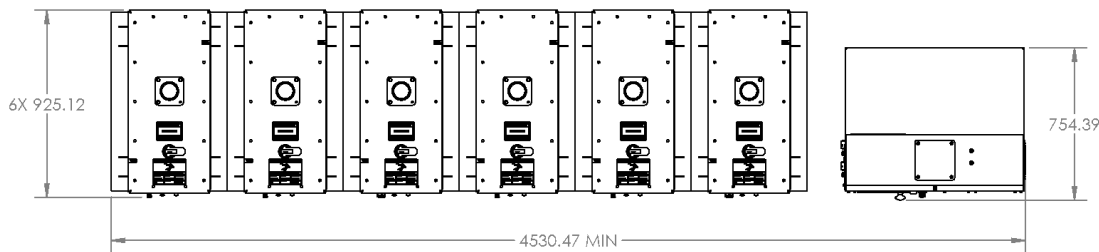
KEY BENEFITS

- Reduce On-Bill electricity costs by utilizing stored energy during high-priced peak periods and recharging during off-peak hours
- Maximize on-site renewables like wind and solar by capturing energy when they're overproducing for use later
- Decarbonize facility's energy use by utilizing clean stored energy when the grid is at its dirtiest
- Power through grid interruptions and outages with backup power stored on-site, Behind-The-Meter

SAFETY

- Viridi RPS50 battery packs equipped with Fail-Safe thermal management and antipropagation technology to prevent Li-Ion battery fire
- Fail-Safe technology allows for unique permitting opportunities including BESS in and around occupied spaces and critical equipment
- Components are mounted on modular racking for convenient deployment inside the building, often without the need for incremental fire suppression or containment enclosures

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Model	480V-3p-300kWh-60kW	480V-3p-150kWh-30kW	480V-3p-100kWh-20kW	208V-3p-150kWh-30kW	208V-3p-100kWh-15kW	208V-3p-50kWh-10kW
System Contains	(1) PCS Cabinet (6) RPS50 Packs	(1) PCS Cabinet (3) RPS50 Packs	(1) PCS Cabinet (2) RPS50 Packs	(1) PCS Cabinet (3) RPS50 Packs	(1) PCS Cabinet (2) RPS50 Packs	(1) PCS Cabinet (1) RPS50 Pack
Nameplate Capacity (kWh)	293.4	146.7	97.8	146.7	97.8	48.9
Usable Capacity (kWh)	260.4	130.2	86.8	130.2	86.8	43.4
Max Continuous Power, Charge/Discharge (kW)	60	30	20	30	15	10
Operating Voltage	480VAC 3Φ			208VAC 3Φ		
Max Continuous Current, Charging/Discharging (A)	72.2	36.1	24.1	83.3	41.6	27.8
Operating Temp. Range	-10°C to 45°C / 14°F to 113°F [1]					
Cycle Life	4,000+ charge / discharge cycles [2]					
Communication / Telematics	BESS uses WIFI / LAN / 5G / LTE to report EMS and performance data to Viridi ViSTA®. RPSLink typically communicates to ViSTA® via LAN or WIFI.					
Backup Power	An optional Sinexcel Intelligent Transfer Switch is required for RPSLink to provide resilient power during a grid outage					
PCS Cabinet Size & Weight	34.8in / 884.8mm wide ••• 48.7in / 1237.6mm tall ••• 29.7in / 754.4mm deep ••• 300lbs (includes mounting skid)					
RPS50 Pack Size & Weight	22.6in / 575.0mm wide ••• 44.4in / 1128.6mm tall ••• 36.4in / 925.1mm deep ••• 1,100lbs (includes mounting skid)					

Certifications **UN 38.3** (cell/module), **UL 1973** (cell SGS listed), **UL 1973** (pack cETLus recognized), **UL 9540A** (cell/module/pack UL or CSA tested), **UL 1741 & IEEE 1547** (inverter TÜV SÜD listed)

¹ Operating temperature range mirrors battery cell specifications. The Battery Management System (BMS) is programmed to manage the pack utilization rate to control the internal pack thermal conditions and prevent operation outside of pack interior temperature limits, which can be tailored for different applications/installations. The BMS communicates applicable operating conditions continuously via CAN bus to the inverter and/or system controller.

² Cycle life can be optimized for individual applications and operating conditions (depth of discharge, duty cycle, temperature, charge/discharge rate).

FOR MORE INFORMATION
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