Modular Energy Storage For External Installations

RPS**LinkEX**

Deploy Fail-Safe Energy Storage in increments of 50kWh 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

- All Viridi battery packs equipped with passive 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.
- Battery packs are mounted on modular racking for convenient deployment inside or outside the building, often without the need for incremental fire suppression or containment enclosures

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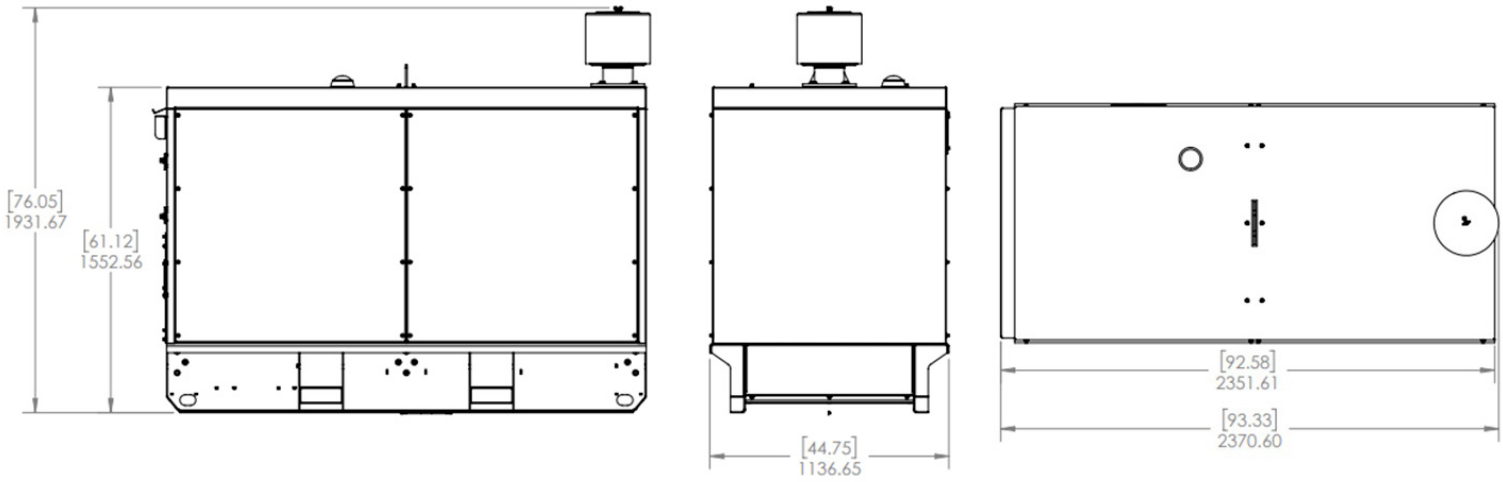

Model	480V-3p-150kWh-30kW	480V-3p-100kWh-20kW	208V-3p-150kWh-30kW	208V-3p-100kWh-15kW
Rated Capacity (kWh)	146.7	97.8	146.7	97.8
Effective Capacity (kWh)	130.2	86.8	130.2	86.8
Max Continuous Power, Charging/ Discharging (kW)	30	20	30	15
Voltage	480V 3p		208V 3p	
Max Continuous Current, Charging/ Discharging (A)	36	24	83	41
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 can communicate through building WIFI or LAN but this is not required.			
Auto-Transfer Switch (optional)	An external Sinexcel Intelligent Transfer Switch is required for the battery to provide backup power in a utility outage.			
Operating Temp. Range	-10°C to 45°C (14°F to 113°F)[1]			
Enclosure Rating	NEMA3R			
Physical Dimensions	Length: 92.5 in – Width: 44.75 in – Height: 61.1 in			
Weight	Weight: 5,800 lbs			

Certifications

- **UN 38.3** (cell/module)
- **UL1973** (cell SGS listed, pack ETL recognized component)
- **UL 9540A** (cell/module/pack 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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