



Why EndurVault

- » **Save Money and Improve Efficiency** - our proprietary Active Balancing evenly re-distributes energy across all batteries while generating less heat. Less heat means higher efficiency, less maintenance, and a longer battery life. .
- » **Safer Data** - Our Energy Management System is owned by a US entity and the data is stored in the US. This provides the safest solution for your customer's data. You don't want to be thinking about cybersecurity after your systems have been compromised.
- » **Easy to Install** - No racks or cabinets required. It's simple. Just roll it into place and secure it to the wall!
- » **Peace of Mind** - Built-in FSS, as an extra layer of protection.
- » **Heating Film** - To keep battery working in a variety of environment.
- » **Built to Last** - Cycle life \geq 8000 cycles.



Vision

Empowering a cleaner energy future with intelligent, secure battery storage. Driving resilience for grids, businesses, and homes worldwide. Advancing scalable solutions to accelerate global energy transformation.

Mission

Delivering advanced, reliable BESS from 5 kWh to 500 MWh. Engineered with cutting-edge BMS/EMS with safety being our priority. Enabling 24/7 energy reliability and peace of mind.

Item	Parameter Requirements
Nominal Capacity	16.08 kWh
Nominal Voltage	51.2 V
Cell Specification	314 Ah Lithium Iron Phosphate (LFP) cell
Working Voltage	45.6 V – 56.8 V
Recommended C Rate	0.5 C (157 A)
Max Discharging Current	200 A
Max Output Power	10.24 kW
Recommended Depth of Discharge (DoD)	90%
Cycle Life	≥8000 cycles*
Charge Temperature Range	0°C to 50°C (32°F to 122°F)
Discharge Temperature Range	-10°C to 50°C (14 °F to 122°F)
Max Number of Units in Parallel	16 units
Communication Interface	RS485 / CAN / Wi-Fi module
Protection Rating	IP65
Cooling Method	Natural air cooling
Dimensions (L x W x H)	1'7" × 10" × 3'9" (480 x 257 x 1145 mm)
Weight	≤ 350 lb
FSS (Fire Suppression System)	Aerosol
Heating	Built-in Heating
Compliance	UL1973, UL9540A, UL9540, OGPe, CEC and SGIP

*@ 25±2°C (77 °F)

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