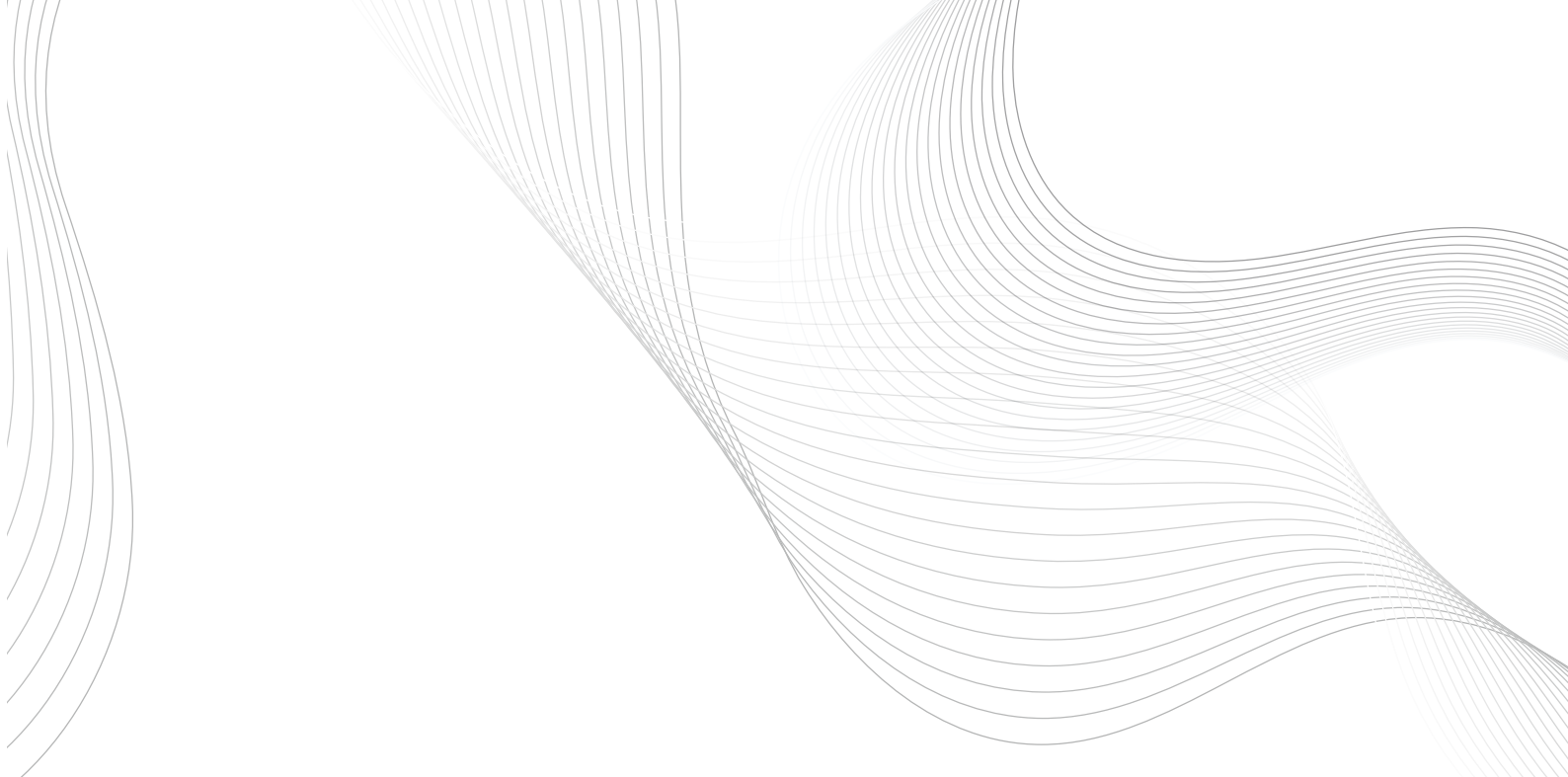




Voln^ex

ENERGY STORAGE SYSTEM

The Brand Behind The Power

**Voln^ex Complete Family of
Energy Storage Solutions**



RESIDENTIAL BATTERY

HV Pro Series 61-A

High Voltage



Profit Maximization

Adapts to on-grid, and hybrid models for optimal revenue.



Comprehensive Safety

Integrates multi-level alerts and fire suppression (gas, water, ventilation) for asset protection. Remote monitoring and real-time analysis ensure operational safety.



Intelligent O&M

One-click management for remote monitoring, troubleshooting, and data analysis. Seamless grid-switching ensures reliable power supply.



Modular Design

Modular structure allows for quick maintenance and upgrades.



DATASHEET

Model

HV Pro Series 61-A

Battery Side Parameters

Cell technology	LFP-3.2 V / 100 Ah
Battery module	5.12 kWh, 51.2 V
Number of packs	12
Battery system rated capacity	61.44 kWh
Battery system rated voltage	614.4 V
Battery system rated current	80 A
Battery system voltage range	480 V - 700.8 V
Battery system charge/discharge rate	0.8P

Other Parameters

Dimension (WxDxH)	735x1045x2235 mm
	29x41x88 inch
Weight	1135 kg (2502.2 lbs)
Operating temperature	-30 C-+55 C (-22 F-+131 F) (Derating Below - 15 C or above 45 C)
Relative humidity	0~95% (No condensation)
Maximum working altitude	3000 m (> 2000 m Derating)
Noise	<75dB
Ingress protection rating	IP55
Heat dissipation method	Forced air cooling
Firefighting	Aerosol: module-level (optional)+stack-level, water firefighting, combustible gas detection and exhaust
Communication	CAN / RS485 / TCP
Cycle life	6000 cycles (25+2 C, 0.5P / 0.5P, 60% SOH)

Standard Compliance

Compliance	UN38.3 / UN3480 / IEC62619 / IEC61000 (More available upon request)
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