
RelyEZ HavenLite Series

5/10/15/20 kWh

Residential Energy Storage Module



Product Introduction

The HavenLite residential energy storage system adopts an extensible battery modular design, with 1-4 battery modules in a flexible combination, attractive design, and can support a battery capacity expansion range of 5-20kWh.

The battery cell uses 100Ah lithium iron phosphate (LFP) cell, which are safer and more reliable, with high charging and discharging efficiency and excellent performance, providing strong power for home electricity needs.



Highly Integrated

The stackable design, can be installed by one person, with flexible capacity expansion from 5-20 kWh, and is compatible with the worldwide mainstream inverters.



High Life Cycle

A high-quality LFP battery, with a system cycle life of over 5,000 cycles and a design lifespan of up to 15 years.



High Safety

The HavenLite system features an electrical and structural design optimized specifically for residential use, enhancing safety and improving the self-sufficiency rate of electricity consumption. With remote control via a userfriendly app, users can easily monitor storage data and check the system's operational status at any time. Additionally, the system offers the option to integrate an aerosol fire suppression module within the battery module for added safety.

Category	Item	HavenLite Basic	HavenLite Standard	HavenLite Pro	HavenLite Ultra
Overall Parameters	Cell Configuration	1P16S	2x1P16S	3x1P16S	4x1P16S
Battery Parameters	Available Capacity	5.12 kWh	10.24 kWh	15.36 kWh	20.48 kWh
	Cell Type	Lithium Iron Phosphate			
	Nominal Voltage	DC 51.2V			
	Operating Voltage Range	DC 44.8 ~57.6V			
	Maximum Continuous Charge/Discharge Rate	0.5C	0.5C	0.4C	0.3C
Basic Parameters	Communication Method	CAN/RS485			
	Charging Operation Temperature	5°C to 50°C (41°F to 122°F)			
	Charging Operation Temperature	-10°C to 50°C (14°F to 22°F)			
	Humidity	≤90%			
	Altitude	≤3000m/<4000m (≤9842.52 ft/<13123.36 ft) Optional, Derating			
	Dimensions [LxWxH]	630x400x375mm 24.80x15.75x14.76in	630x400x525mm 24.80x15.75x20.72in	630x400x675mm 24.80x15.75x26.57in	630x400x825mm 24.80x15.75x32.52in
	Weight	58kg	102kg	146kg	190kg
	Protection Level	IP 65			
	Installation Environment	Indoor			
	Cooling Method	Natural Cooling			
	Fire Supression	Optional			