



RelyEZ VenturePro

418kWh Liquid-Cooled Energy Storage Outdoor Cabinet

Products Introduction

RelyEZ VenturePro integrates high-performance and long-life liquid-cooled PACK, new BMS control system, intelligent liquid-cooled temperature control system and intelligent activefire-fighting system; the modular liquid-cooled outdoor cabinets are highly secure and economical, and can be used in grid-side and new energy supporting large-capacity energy storage projects, as well as in small and medium-sized storage projects on the user side and in micro-grids to support the new power system.

High Integration

Modular, easy to expand, supports parallel-connection of DC side of multiple cabinets.

High Performance

Liquid-cooled for efficient heat dissipation, system circulation efficiency increased by >1%, high system efficiency.

High safety

Fine control of single cluster, independent between storage cabinets, realizing electrical and fire safety isolation. Temperature difference of the core is <math><3\text{ }^{\circ}\text{C}</math>, which enhances safety and cycle life.



Company Profile



At RelyEZ, we take pride in being an innovative global fore-runner in delivering reliable, safe and efficient energy storage solutions. Our ground breaking hardware and software are designed to transform the generation, distribution, and transmission of energy, supporting worldwide goals for decarbonization. With successful deployment of over 3000MWh of Battery Energy Storage Systems (BESS) in more than 50 projects, we have an ambitious contracted pipeline promising to deliver over 5000MWh of energy storage solutions worldwide within the next three years.

Application Examples



System Parameters

Category	Item	Norm
Battery Parameters	Nominal Power	417.99kWh
	Nominal Battery Voltage	1331.2V
	Battery Voltage Range	DC 1164.8~1497.6V
	Battery Rated Current	157A
	Maximum Battery Current	200A
	Rated Power	200kW
	Serial-Parallel Method	1P416S
	Number of Electrical Boxes	8
Basic Parameters	Size[LxWxH]	1500x1350x2450(mm)
	Weight	4.5T
	System Efficiency	≥93%
	Maximum Permissible Altitude	≤3000m/<4000m (Optional,Derogation)
	Working Environment Temperature	-25~55°C
	Storage Ambient Temperature	-30~60°C
	Working Environment Humidity	RH≤95% (Condensationless)
	Cycle Life	≥6000 Times
	Protection Level	IP54
Cooling Mode	Liquid-Cooled Internal Circulation	

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