



ACEPOWER

# UESS EnCore Series

## 192V Rack-Mounted Li-ion Battery Pack



### Product Features

- + Integrated with fully-automatically produced ACE LFP cells, ensuring excellent consistency and life span
- + Specially designed for high-power discharge application
- + Charge and discharge independent control and protection to maximize system availability
- + Voltage, current, temperature, SOH,SOC real-time detection
- + Automotive-grade PACK technology
- + Directional explosion-proof valve design, which can effectively avoid cell failure and ensure high safety
- + Comprehensive thermal simulation and testing to ensure the safety of each cell in the case of large current discharge
- + RS485/CAN supported for easy network access



### Application Scenarios

- + Multi-user design, specifically developed for high rate discharge application
- + Distributed data centers
- + Bank data centers

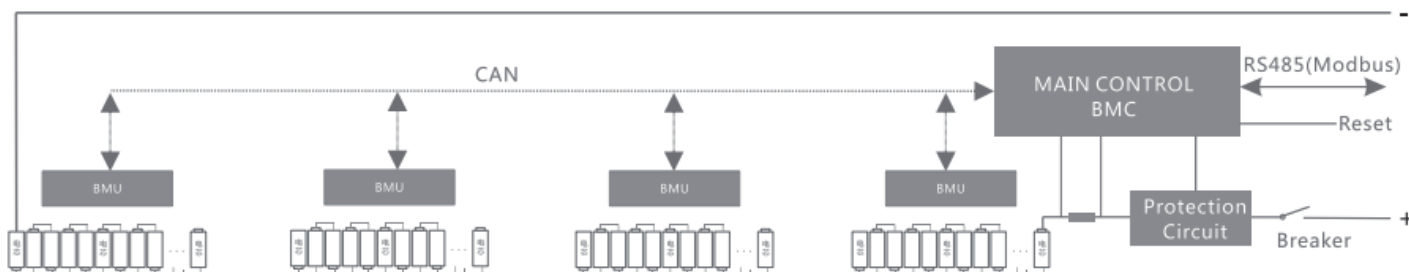


### Product Introduction

The ACE Encore series Li-ion UPS batteries are developed for rack mounted. This series integrates ACE high-energy density and high-rate cells with dedicated battery management system (BMS) to provide system reliability and improved performance. This series is designed as a perfect match for power backup of data centers and offices, especially under high-rate discharge circumstances.



### System Topology



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## EnCore Series

# 192V Rack-Mounted Li-ion Battery Pack

### ■ Specifications

Model / Key Parameters Item	192V 6AH 1U	192V 12AH 2U
Rated Voltage [V]	192	192
Rated Capacity [Ah]	6	12
Total Energy [Wh]	1152	2304
Charge Voltage [V]	210	210
Max. Charge Current [A]	6	12
EOD Voltage [V]	165	174
Max. Discharge Power [W]	9000	10900
Discharge Time [min]	4	10
Peak Discharge Power [W, -3s]	10900	12600
Dimensions [W*D*H, mm]	430*740*42.5	430*680*85
Weight [kg]	20	32
Breaker	63A 2P	63A 2P
Max. Number of Packs (Parallel*Series)	8*2	
IP Grade	IP20	
Storage Temperature [°C]	(-20 to +55)	
Working Temperature [°C]	Charge: 0 to 55	
	Discharge: -20 to +50	
Relative Humidity	0 ~ 95%RH (non-condensing)	
Communication Port	RS485/CAN 2.0 (RS485 by default)	
Protection	Over voltage protection, low voltage protection, high temperature protection, low temperature protection, and short circuit protection	
Certification	UL1973, IEC62619, UL60730-1, UN38.3, ISTA3E, FCC, ROHS	