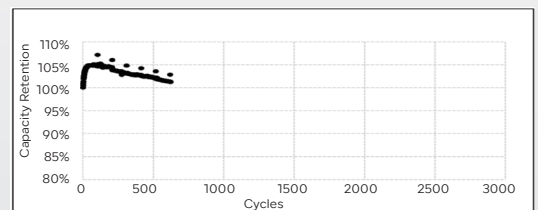


Lithium Battery Cabinet UE-HP Series

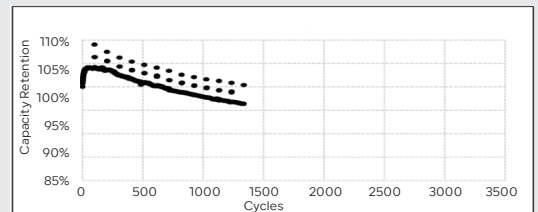
UE-512Li50HP & UE-512Li100HP



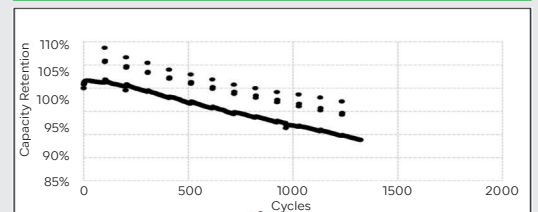
25°C 1C/1C Cycle



25°C 1C/3C Cycle



25°C 1C/6C Cycle



High Reliability:

- Long cycle life, reaching up to 6,000 cycles.
- Highly stable lithium iron phosphate cells, no fire even with thermal runaway.
- Three-layer BMS (Battery Management System), ensuring layer by layer reliability of the lithium battery.
- PACK level fire extinguisher + optional cabinet level fire extinguisher, precise and fast fire extinguishing without spreading

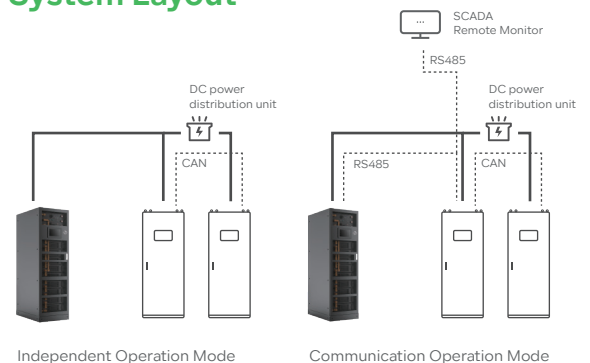
High Efficiency:

- High energy density, saving 50% space compared to lead-acid batteries.
- Intelligent battery management system, saving 80% of daily maintenance costs.

Flexibility:

- Supports continuous 4C discharge, meeting the optimal current requirements of data centers.
- Compatible with dual/three-Bus outputs, meeting the needs of all mainstream dual-Bus and three-Bus UPS configurations.

System Layout



Independent Operation Mode

Communication Operation Mode

Product Model

UE-512Li50HP

UE-512Li100HP

Nominal Voltage	512V(1P160S)	
Nominal Capacity	53AH	106AH
Rated Charging Voltage	3.4*160=544V	
Cell Type	3.2V 53AH	
Cell Material	LFP	
Cell Connection Mode	1P160S	2P160S
Standard Charging Current	0.2C	
Maximum Continuous Charging Current	1C	
Standard Discharge Current	1C	1C
Maximum Continuous Discharge Current	4C	4C
Cycle Life	> 6000@80%DOD(@0.5C Charging 1C Discharging 25°C)	
Protection Function	Over charge protection, over discharge protection, short circuit protection, temperature protection, charge over current protection and discharge over current protection, etc	

Environmental Specification

Operating Temperature	charge: 0-45°C discharge: -20-50°C (Recommend temperature 20~25°C)	
Storage Temperature	-20-60°C	
Relative Humidity	5%-95%	
Altitude	0-2000 meter	
Cooling Mode	Fan cooling	
Ingress Protection	IP20	
Dimension (W*D*H)	600*1000*2200mm	
Weight	600kg	800kg

