



ACEPOWER

UESS EnCore Series

12.8V UPS Li-ion Battery

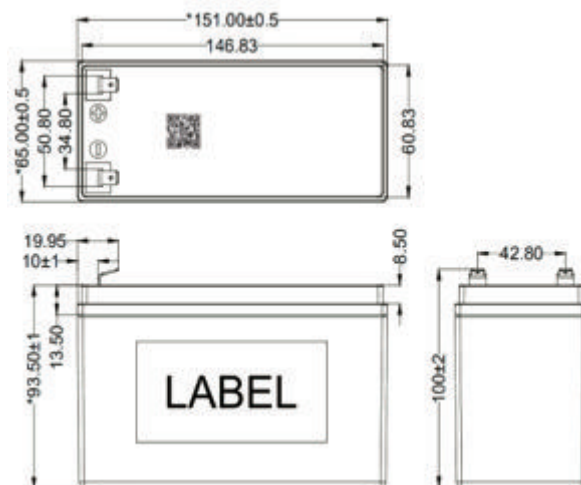


Product Features

- + Long lasting run time
- + Safe LiFePO4 Battery technology
- + High rate discharge performance
- + Independent control and protection for charge and discharge processes
- + Full BMS protection function
- + Real-time detection for the voltage, current, temperature, SOH, and SOC
- + Directional explosion-proof valve design



Battery Dimensions



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.



Application Scenarios

- + Support up to 4S10P connection without external BMS
- + Tower-mounted UPS
- + Rack-mounted UPS
- + Special UPS
- + Special EPS
- + Simple systems up to 3.0 kWh
 - Up to four PACKs in series(The battery pack pressure difference is less than 0.1V)
 - Up to ten PACKs in parallel(The battery pack pressure difference is less than 0.1V)
- + Enables 12.8V, 25.6V, 38.4V and 51.2V systems

Shenzhen Ace Battery Co., Ltd.

Add: Block B, BAK Industrial Park, Kuipeng Rd., Dapeng, Shenzhen
 Tel: +86-755-8887 8567
 Web: www.acebattery.com



EnCore Series

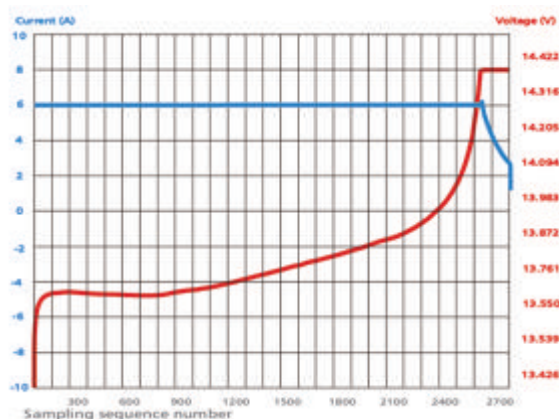
12.8V UPS Li-ion Battery

Specifications

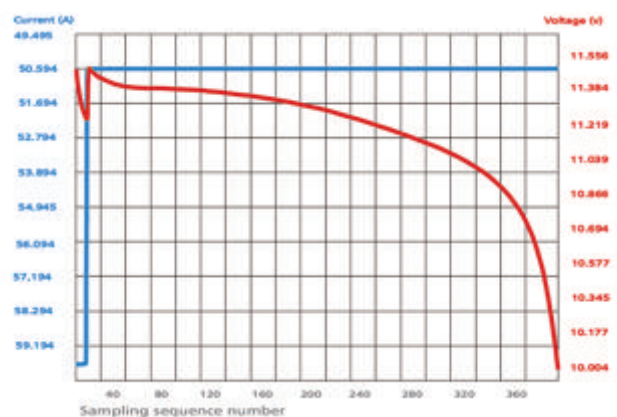
Key Parameters Item	12.8V 6AH	12.8V 8AH
Cell Material	LFP26650	LFP26650
Cell Specifications	3.2V/3Ah (4S2P)	3.2V/4Ah (4S2P)
Normal Voltage [V]	12.8	12.8
Max. Constant Discharge Current [A]	45	24
Max. Discharge Current [A]	75	75
Max. Charge Current [A]	6	8
Rated Capacity [Ah] (25°C, 1C)	6	8
Max. Number of Packs (In Series)	4	4
Weight [kg]	1.1	1.2
Max. Number of Packs (In Parallel)	10	
Dimensions [W*D*H, mm]	151*65*93	
Operating Temperature [°C]	Discharge: -20 to +60 Charge: 0 to 45	
Storage Temperature [°C]	0 to 40	
Terminal	F2	
Voltage Range [V]	10 to 14.4	
Float Charge Voltage [V]	13.8	
Certification	UL1642, UL1973, IEC62619, UN38.3, FCC, EMC, ROHS, ICES-003	

The datasheet is subject to change without prior notification.

Performance Curve



Charge Curve



Discharge Curve