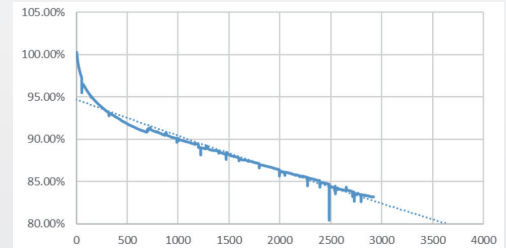


Rack-mount UPS UE-HP Series

UE-192Li50P & UE-192Li100HP

Cycle life curve



Standby time

放电功率	备用时间			
	192V 50Ah	192V 100Ah	384V±192V 50Ah	384V±192V 100Ah
10kW	≥55min	≥110min	≥110min	≥220min
15kW	≥36min	≥72min	≥72min	≥144min
20kW	≥27min	≥54min	≥54min	≥108min
30kW	≥18min	≥36min	≥36min	≥72min
40kW	-	≥25min	≥25min	≥50min
50kW	-	≥20min	≥20min	≥40min
60kW	-	≥18min	≥18min	≥36min
70kW	-	≥15min	≥15min	≥30min
80kW	-	-	-	≥27min
100kW	-	-	-	≥21min
120kW	-	-	-	≥18min
140kW	-	-	-	≥15min



High safety

Adoption of high security, long life, excellent performance LiFePO4 battery; module built-in fire fighting device, accurate and rapid fire extinguishing, the smallest unit to control the non-proliferation;

Long life

Cycle life of more than 6000 times, the design of the calendar life of more than 10 years: in line with the ISO26262 standard multi-level functional safety protection control BMS, to ensure safe and reliable operation.

High performance

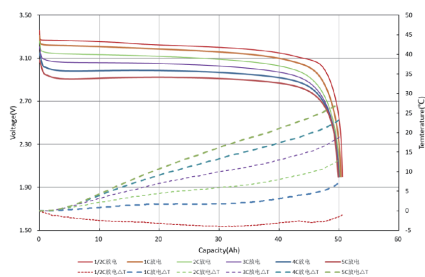
Support 2 systems in series to form $\pm 192V$ (384V) system, unique working strategy to solve the positive and negative half-week power inconsistency caused by unbalanced problems support high rate of continuous discharge to meet the demand for power backup 15 minutes.

Functionality

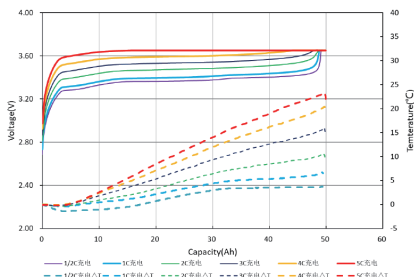
Isolated RS485, CAN communication, stable communication; modular rack design, faster installation, more flexible deployment. Private cloud platform unification, can realize remote monitoring and intelligent diagnosis, saving more than 80% of daily maintenance cost.

Model	UE-192Li50HP		UE-192Li100HP
Combination Of Battery Cells	1P60S		2P60S
Material	LiFePO4		
Nominal Voltage	192V		
Nominal Capacity	50Ah		
Nominal Energy	9.6KWh		
Voltage	Recommended Charging Voltage	216V	
	Maximum Charging Voltage	219V	
	Discharge cut-off voltage	162V	
Current	Maximum Charging Current	50A	100A
	Maximum Discharge Current	200A	400A
Charging Overcurrent Protection	Class 1	55A 10S	120A 10S
	Grade 2	60A 1S	150A 1S
Discharge Overcurrent Protection	Class 1	220A 30S	450A 30S
	Grade 2	250A 1S	500A 1S
Weight	Master box	Approx. 48kg	Approx. 85kg
	Slave 1	Approx. 46kg	Approx. 83kg
	Slave 2	-	Approx. 83kg
Dimension	Master Box	W440mm*D670mm*H155mm	W440mm*D670mm*H155mm
	Slave 1	W440mm*D670mm*H155mm	W440mm*D670mm*H155mm
	Slave 2		W440mm*D670mm*H155mm
Communication Type	RS485\CAN		
Cycle Life	≥6000 times		
Design Calendar Life	≥10 years		
Protection Function	Over-charging, over-discharging, charging over-current, discharging over-current, high temperature, low temperature, short circuit, etc.		
Outlet Method	Rear exit line		
Charging Temperature Range	0°C ~ 55°C		
Discharge Temperature Range	-20°C ~ 55°C		
Optimum Operating Temperature Full Park	15°C ~ 35°C		
Storage Temperature (Non-condensing)	-10°C ~ 45°C (within one month) -10°C ~ 35°C (1~3 months) -10°C ~ 25°C) more than 3 months		
Transportation Temperature	Temperature -40°C ~ 45°C ; SOC 40%~60		
Operating Humidity	10%RH ~ 90%RH		
Operating Altitude	0 ~ 2000m		

High and low temperature discharge curve



Charging curve of different multiplication rate



Different rate discharge curve

