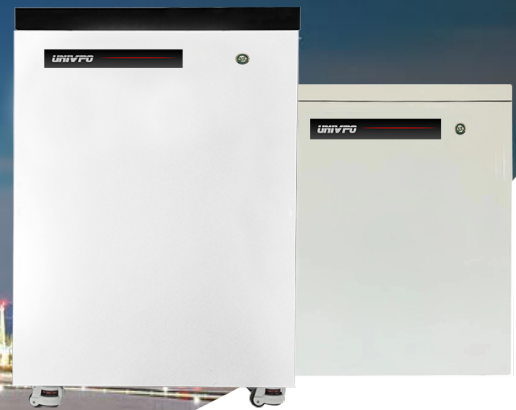


UNIV Series

Lithium Energy Storage Battery

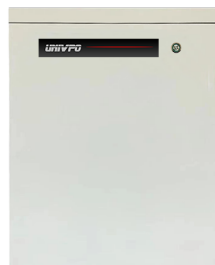
This is a High-voltage battery with excellent performance. Which has good waterproof performance and support for wall mounting. This product is competent for off grid and hybrid models, especially when carrying general household loads. It has good compatibility to communicate with major inverter brands, such as Solis, Deye, Growatt, Voltronic etc. High voltage battery pack can better reduce energy loss and improve energy storage efficiency



Features

1. Regular shape saves space
2. Effectively reduce energy loss
3. Good waterproof performance
4. Wall support installation
5. 5+5 Years limited warranty

UNIV HV LBS Series



Model	UNIV HV LBS 4.8K	UNIV HV LBS 7.2K
Basic Parameters		
Nominal Voltage (Vdc)	160V	240V
Nominal Capacity	30ah	30ah
Total Energy(kWh)	4.8kwh	7.2kwh
Usable Energy (kWh)	4.6	6.8
Cell Type	LFP (LiFePO4)	
Dimension(mm)W*H*D	530 × 700 × 230	
Weight(kg)	62	67
Nominal charge/discharge power(A)	15	15
Efficiency(%)	90	
Nominal Power(kW)	2.88	4.15
Relative Humidity	0 ~ 95%	
Operating Condition	Indoor	
Working Temperature/ °C	Charge	0~50
	Discharge	-10~50
Installation	Free standing / Wall mounting	
Protection grade	IP54	
Cooling type	Natural	
Design life(year)	10+	
Communication	CAN/RS485	
Protection mode	Triple hardware protection	
Battery protection	Over-current / Over-voltage/Short circuit/Low voltage/	
Safety	IEC62619, IEC62040, CEC,CE, RCM	
Transportation	UN38.3	

*: The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.

UNIV HV LBS Series



Model UNIV HV LBS10.4K UNIV HV LBS12.1K UNIV HV LBS15.3K UNIV HV LBS17.3K UNIV HV LBS19.2K

Basic Parameters

Nominal Voltage (Vdc)	230V	202V	153V	173V	192V
Nominal Capacity	45ah	60ah	100ah	100ah	100ah
Total Energy(kWh)	10.4kwh	12.1kwh	15.2kwh	17.3kwh	19.2kwh
Usable Energy (kWh)	9.8	11.7	14.7	16.5	18.5
Cell Type	LFP (LiFePO4)				
Dimension(mm)W*H*D	650 × 950 × 380				
Weight(kg)	102	115	171	197	216
Nominal charge/discharge power(A)	20	30	50	50	50
Efficiency(%)	90				
Nominal Power(kW)	5.76	6.91	8.64	9.96	11
Relative Humidity	0 ~ 95%				
Operating Condition	Indoor				
Working Temperature/ °C	Charge	0~50			
	Discharge	-10~50			
Installation	Free standing / Wall mounting				
Protection grade	IP20				
Cooling type	Natural				
Design life(year)	10+				
Communication	CAN/RS485				
Protection mode	Triple hardware protection				
Battery protection	Over-current / Over-voltage/Short circuit/Low voltage/				
Safety	IEC62619, IEC62040, CEC,CE, RCM				
Transportation	UN38.3				

*: The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.