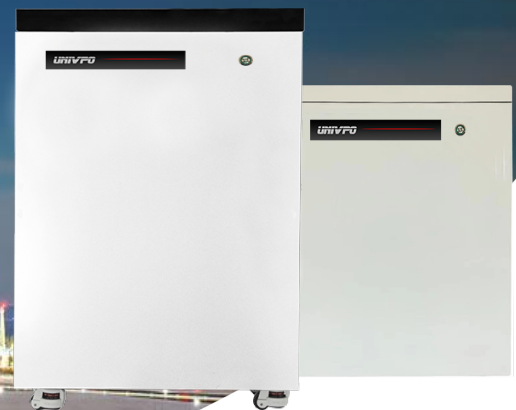


Univ Series

Lithium Energy Storage Battery

This is a low-voltage battery with excellent performance that supports parallel connection of multiple modules. One specially designed performance and support for home using, with good waterproof 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.



Features

1. Smart BMS with digital monitoring system
2. High inverter compatibility
3. Reliable LFP cells
4. CANBus standard connection
5. Natural cooling system
6. Support capacity expansion (4 Parallel)
7. 5+5 Years limited warranty

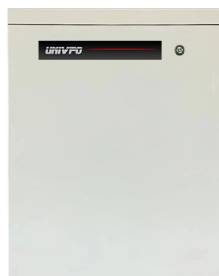
UNIV LBS Series



Model	UNIV LV LBS-3.6K	UNIV LV LBS-4.8K
Basic Parameters		
Nominal Voltage (Vdc)	48	48
Nominal Capacity	75ah	100ah
Total Energy(kWh)	3.6kwh	4.8kwh
Usable Energy (kWh)	3.4	4.6
Cell Type	LFP (LiFePO4)	
Dimension(mm)W*H*D	500 × 600 × 180	
Weight(kg)	41	57
Nominal charge/discharge power(A)	35	50
Efficiency(%)	90	
Nominal Power(kW)	2.07	2.88
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 LBS Series



Model	UNIV LV LBS -7.2K	UNIV LV LBS -10K	UNIV LV LBS -12.3K
Basic Parameters			
Nominal Voltage (Vdc)	48	48	51.2
Nominal Capacity	150ah	206ah	240ah
Total Energy(kWh)	7.2	10	12.3
Usable Energy (kWh)	6.8	9.6	11.9
Cell Type	LFP (LiFePO4)		
Dimension(mm)W*H*D	530 × 700 × 230		
Weight(kg)	62	82	95
Nominal charge/discharge power(A)	70	100	120
Efficiency(%)	90		
Nominal Power(kW)	4.15	5.76	6.91
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 LBS Series



Model	UNIV LV LBS-15.3K	UNIV LV LBS-17.4K	UNIV LV LBS-20.5K
Basic Parameters			
Nominal Voltage (Vdc)	51.2	51.2	51.2
Nominal Capacity	300ah	340ah	400ah
Total Energy(kWh)	15.3	17.4	20.5
Usable Energy (kWh)	14.7	16.6	19.7
Cell Type	LFP (LiFePO4)		
Dimension(mm)W*H*D	650 × 950 × 380		
Weight(kg)	171	197	217
Nominal charge/discharge power(A)	150	170	175
Efficiency(%)	90		
Nominal Power(kW)	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.