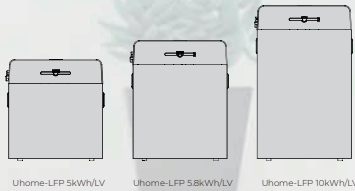


Energy Storage System Energetic Series

LFP 5/5.8/10 kWh/LV



Join Us

Alyssa

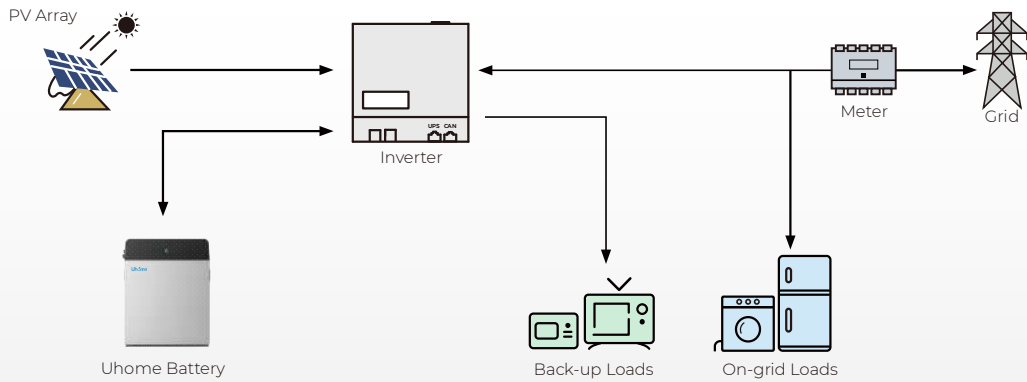
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Uhome Smart Energy (Wuxi) Co.,Ltd.
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Focus on energy storage battery



 Reliable LFP Cells	 Easy Installation & After Sales Service	 High Inverter Compatibility	 Digital monitoring system APP
 Intelligent Build in BMS	 Safety Protection and Easy Move	 >6,000 Cycles at 90% DOD	 Scalable up to 40kW(4 Parallel)



Product Type	LFP 5.0kWh/LV	LFP 5.8kWh/LV	LFP 10.0kWh/LV
Technical Specifications			
Total Energy*	5.0kWh	5.8kWh	10.0kWh
Usable Energy(DC)*	4.6kWh	5.3kWh	9.2kWh
Nominal Dis-/Charge Power	3.0kW	2.75kW	4.6kW
Peak Power(Only Discharge)	7kW for 3s	7kW for 3s	10kW for 3s
Voltage	48~56Vd.c	42~54Vd.c	48~56Vd.c
Constant Current (Only Discharge)(10 Minutes)	100A	100A	120A
Nominal Voltage	51.2Vd.c	48Vd.c	51.2Vd.c
Nominal Current	60A	57A	90A
Max. Charge Voltage	57.6Vd.c	54.0Vd.c	57.6Vd.c
Weight	55kg	66kg	96kg
Dimension(mm)	525*537*238mm	525*635*238mm	525*820*238mm
Max.recommended DOD	90%		
Operating Condition	Indoor or outdoor		
Operating Temperature	Charge	From 0~50 C	From 0~50 C
	Discharge	From -10~55 C	
WIFI Frequency Range	2400MHz~2483MHz		
Humidity	4~100%(No condensed water)		
Pollution Degree	3		
Over Voltage Category	II		
Cooling Type	Natural cooling		
Case Material	Metal + Plastic		
Color	Black+Silver grey or White		
Installation	Free standing		
IP rating	IP 65		
Protective Class	I		
Max. Number of Parallel	4		
Warranty	10 years		
Life Span	>15 years		
Communication	CAN/ RS485		
Protection Mode	Triple hardware protection		
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature		
Safety	Cell UL 1973	Cell UL 1973	Cell UL 1973
	CE	Pack TUV/CE	CE
Hazardous Material Classification	9		
Transportation	UN 38.3		