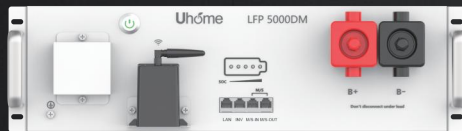


## LFP 5000DM LiFePO<sub>4</sub> Battery ESS



Front Interfaces



Parallel Connection(MAX 16P)

## PRODUCT FEATURES



**1C**  
Discharging Rate



**Multiple Safety Protection**  
MOS, DC Breaker



**Smart BMS**  
Intelligent management & maintenance of battery systems



**Parallel**  
Supports parallel connection of 16 units



**Voltage Wake-up**  
Under off-grid System Environment



**New&Old Batteries can be used in together**  
Connect in Parallel




**Remote Monitoring**  
Real time monitoring of power usage and battery pack operation



**No Dip Switch**  
Easy for commission

## ● Technical Specifications

Product Image		
Model	LFP 5000DM	
Battery Type	LiFePO4 Prismatic	
Nominal Energy	5.1kWh	
Usable Energy*	4.7kWh	
Nominal Capacity	100Ah	
Nominal Voltage	51.2V	
Operating Voltage	48~56V	
Under Lead-acid Mode	Recommended Current	50A
	Recommended Voltage	48~55.2V
Max Charge/Discharge Current	60A/100A	
Peak Discharge Current	120A(3S)	
Peak Discharge Power	6kW(3S)	
Recommended Depth of Discharge (DOD)	93%	
Charging Temp. Range	From 0~55 °C	
Discharging Temp. Range	From -10~55 °C	
Cycle Life	>6000@25 °C	
Scalability	16 Parallel	
WIFI Module	Uhome	
Communication	CAN/ RS485	
IP Rating	IP20	
Recommended Humidity	5%~95%(No condensed water)	
Cooling Type	Natural cooling	
Color	White(optional)	
Installation	Rack/Ground mounted	
Net Weight	44±1kg	
Dimension(W*H*D)	442*135*500mm	
Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Warranty	10 years*	
Certification	UN38.3/CE/UL1973(Cell)	

Testing conditions based on temperature 25 °C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions by Uhome 0.2C CC-CV and based on recommended DOD(93%);