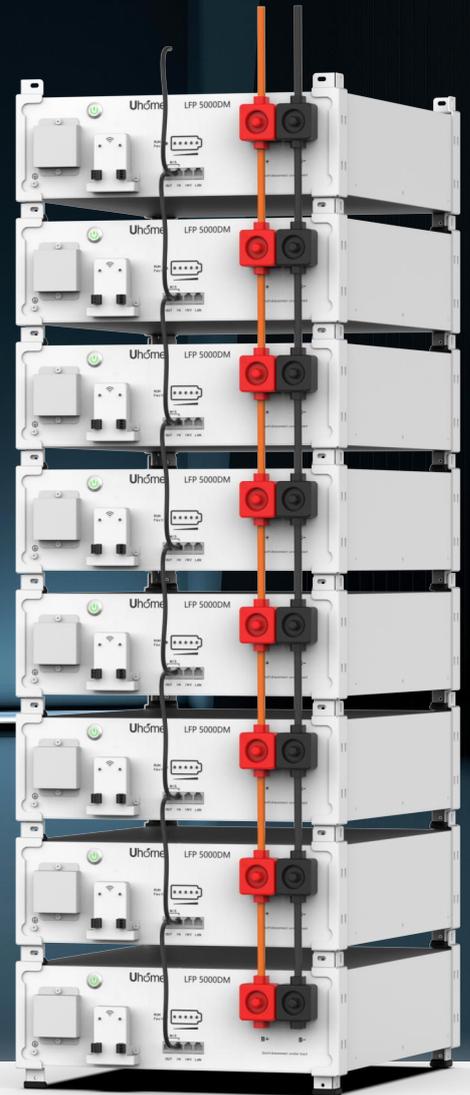


# LFP 5000DM

## Power Ready for Anything 5.1kWh Smart Energy Storage System



### FEATURES



**>6000**  
Cycle Life@25°C



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



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



**Remote Monitoring**  
Real time monitoring of electricity usage and equipment operation



**1C**  
Discharging Rate



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



**Parallel**  
Assembly freely in parallel Up to 16 P



**Voltage Balancing**  
Voltage balancing between battery cells&battery pack

## Technical Specifications



Model		LFP 5000DM
Total Energy*		5.1kWh
Usable Energy(DC)*		4.6kWh
Nominal Discharge/Charge Power		3.0kW
Peak Power(Only Discharge)		6kW for 3s
Nominal Current		60A
Max. Charging Current		100A
Operator Voltage Range		48~57.6V
Nominal Voltage		51.2Vd.c
Weight		45±1kg
Dimension(L*W*H)		586*442*133mm
Max.recommended DOD		90%
Operating Temperature	Charge	0~60℃
	Discharge	-20~60℃
WiFi Bluetooth Frequency Range		2400MHz~2483MHz
Bluetooth Max. Transmission Power		7.5dBm
WiFi Max. Transmission Power		117.8dBm
Recomended Humidity		<60%
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Color		Black or White
Installation		Wall mounting/Ground Installation
Opertation Condition		Indoor&Outdoor
IP Rating		IP 20
Protective Class		I
Max. Connection Number		16P
Warranty		10 years
Communication		CAN/RS485
Protection Mode		Dual hardware protection
Battery Protection		Over-current/Over-voltage/Short circuit/Under-volltage/Over temperature
Safety		CE/TUV
Hazardous Material Classification		9
Transportation		UN 38.3

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

\*Total Energy/Usable Energy measured under specific conditions from 0.2C CC-CV.