

# 10240MP

## Battery Energy Storage System



**6000**  
Cycle Life@25°C



**10200W**  
Peak Power



**No DIP Switch**  
Easy for commission



**95%**  
Max Recommended DOD  
(Capacity)



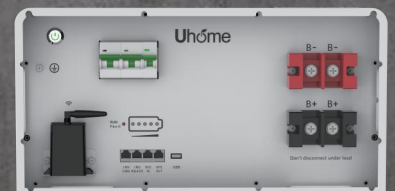
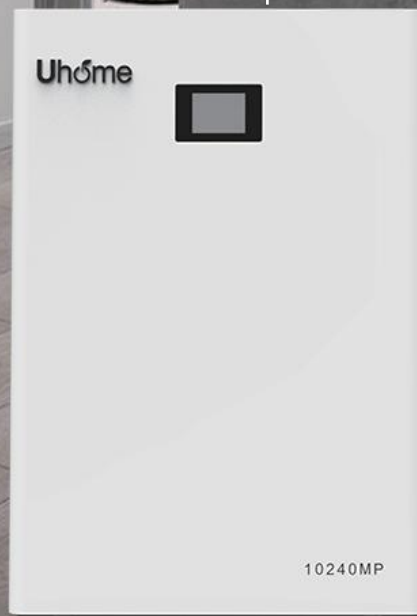
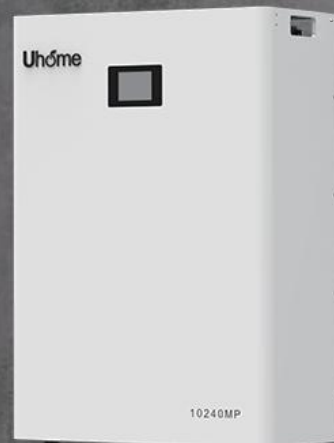
**Versatile Installation**  
Wall/Ground Mounted



**Great Expandability**  
Supports parallel connection  
of 16 units

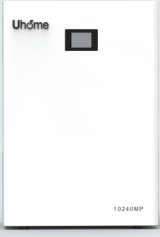


**Fire Protection**  
Built-in Fire Extinguishing  
System



Interface panel

## ● Technical Specifications

Product Image		
Model	10240MP	
Battery Type	LiFePO <sub>4</sub> Prismatic	
Nominal Energy	10.5kWh	
Usable Energy*	9.975kWh	
Nominal Capacity	205Ah	
Nominal Voltage	51.2V	
Operating Voltage	44.8-57.6V	
Under Lead-acid Mode	Recommended Current	50A
	Recommended Voltage	48~55.2V
Recommended Charge&Discharge Current	100A/100A	
Max Charge/Discharge Current	100A/200A	
Peak Discharge Current	200A(5 mins,25℃)	
Peak Discharge Power	10.2kW (5 mins,25℃)	
Recommended Depth of Discharge (DOD)	95%	
Charging Temp. Range	From 0~55℃	
Discharging Temp. Range	From -20~55℃	
Cycle Life	≥6000@25℃	
Scalability	Up to 40 Parallel	
WIFI Module	Built-in	
Communication	CAN/ RS485	
IP Rating	IP20	
Recommended Humidity	5%~95%(No condensed water)	
Cooling Type	Natural cooling	
Color	White(optional)	
Installation	Wall/Ground mounted	
Net Weight	90kg	
Dimension(L*W*H)	455*655*230mm	
Protection	Over-current/Over-voltage/Short circuit/Under-voltage/Over temperature	
Heating Protection	Optional	
Fire Protection	Built-in aerosol	
Display	LED Screen	
Warranty	5/10 years*	
Certification	UN38.3	

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

\*Total Energy/Usable Energy measured under specific conditions from Uhome 0.2C CC-CV and based on recommended DOD(95%);