

10240MP

Battery Energy Storage System



6000

Cycle Life@25°C



15000W

Peak Power



No DIP Switch

Easy for commission



93%

Max Recommended DOD
(Capacity)



Versatile Installation

Wall/Ground Mounted



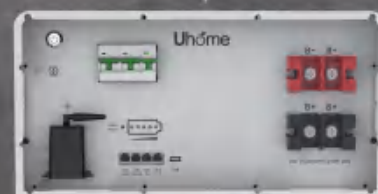
Great Expandability

Supports parallel connection
of 16 units



Fire Protection

Built-in Fire Extinguishing
System



Interface panel

● Technical Specifications

Product Image			
Model		10240MP	
Battery Type		LiFePO ₄ Prismatic	
Nominal Energy		10.5kWh	
Usable Energy*		9.765kWh	
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		200A/200A	
Peak Discharge Current		300A(2 mins,25℃)	
Peak Discharge Power		15kW(2 mins,25℃)	
Recommended Depth of Discharge (DOD)		93%	
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(Optional)	
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%);