

First Solid-State Lithium-ion Battery ESS

LFP 10240MP



Solid-State

Battery Cells better safety



1.5C

Faster charging & Discharging



7680W

Peak Power



Increase 8%
Energy Density



No DIP Switch

Easy for commission



93%

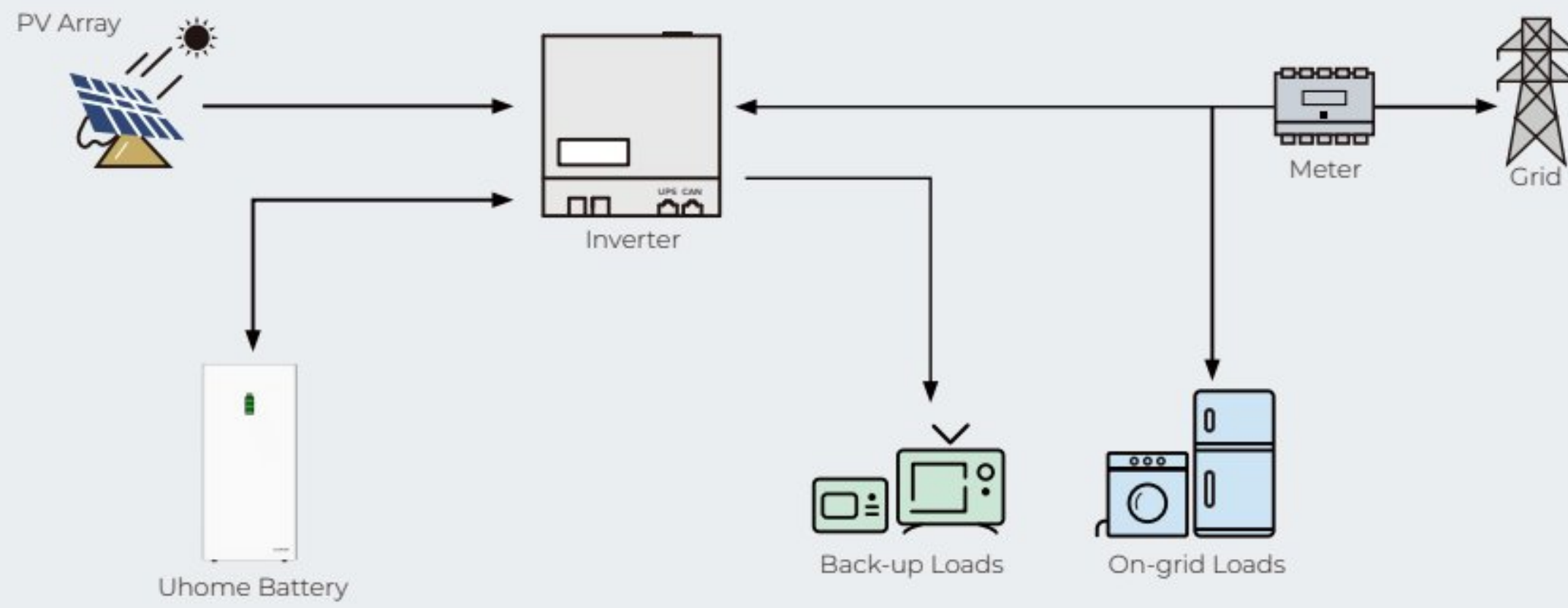
Max Recommended DOD
(Capacity)



Versatile Installation

Ground/Rack Mounting





Model	LFP 10240MP	
Technical Specifications		
Total Energy*	10.2kWh	
Usable Energy(DC)*	9.5kWh	
Nominal Charging Current	100A	
Nominal Discharging Current	100A	
Peak Power(Only Discharge)	7.6kW for 3s	
Voltage	48~56Vd.c	
Nominal Voltage	51.2Vd.c	
Max Charge Voltage	57.6Vd.c	
Max Discharge Current	150A	
Max Charge Current	120A	
Weight	90kg	
Dimension(L*W*H)	915*445*165mm	
Max Recommended DOD	93%	
Operating Condition	Indoor	
Operating Temperature	Charge	From 0~60℃
	Discharge	From -20~60℃
WIFI Frequency Range	2.4GHz	
Recommended Humidity	<60%(No condensed water)	
Over Voltage Category	II	
Cooling Type	Natural convection	
Case Material	Metal	
Color	Black or White	
Installation	Ground/Rack Mounting	
IP Rating	IP 20	
Max Connection Number	16P	
Communication	CAN/ RS485	
Protection Mode	Dual hardware protection	
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Safety	/	
Hazardous Material Classification	9	
Transportation	UN 38.3	
Product Warranty	10 years warranty 1)For better battery life cycles,we suggest charge in 0.5C @25℃ 2)For better battery life cycles,we suggest discharge in 0.5C @25℃	

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

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