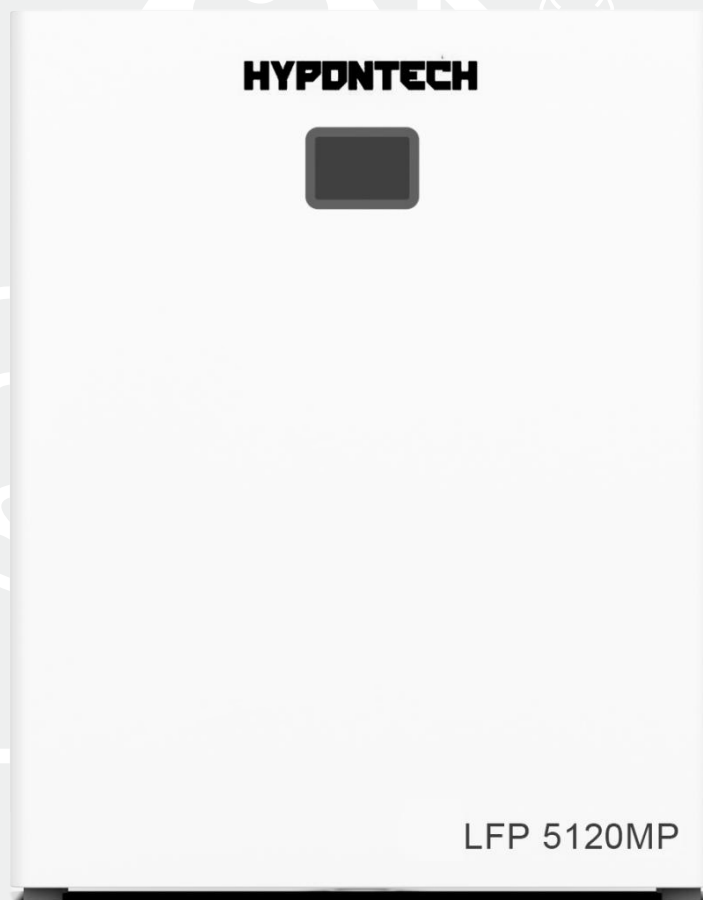


Li-ion Battery LFP



>6000
Cycle Life@25°C



USB upgrade
USB upgrades are available,
allowing for preservation of
fault data



Smart BMS
Intelligent management
& maintenance of battery
systems



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



**Multiple Safety
Protection**
MOS, DC Breaker



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



Parallel
Supports parallel
connection of 16 units



Voltage Wake-up
Under off-grid System
Environment

HYPONTECH

 **HYPON.COM**
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MODEL		LFP 5120MP
Battery Type		LiFePO ₄ 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
Recommended Charge & Discharge Current		50A / 50A
Max Charge / Discharge Current		100A / 100A
Peak Discharge Current		150A (3S)
Peak Discharge Power		8kW (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		Built-in
Communication		CAN / RS485
IP Rating		IP20
Recommended Humidity		5%~95% (No condensed water)
Cooling Type		Natural cooling
Color		White (optional)
Installation		Ground mounting
Net Weight		50kg
Dimension (L * W * H)		560*450*160mm
Protection		Over-current / Over-voltage / Short circuit / Under-voltage / Over temperature
Warranty		5 / 10 years *(optional)
Certification		CE / UN38.3

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

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

