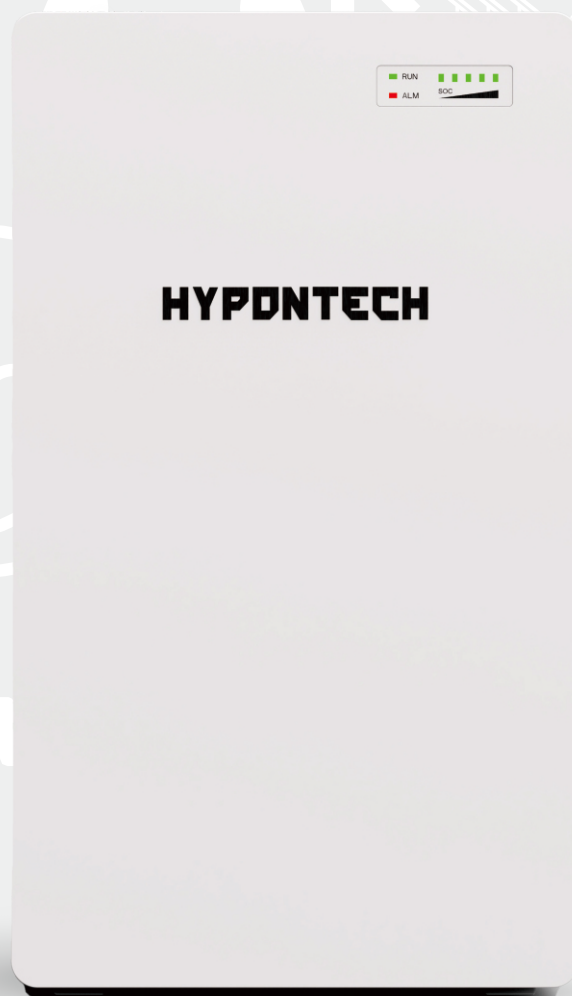


Li-ion
battery

HDP^{LV}



Remote Diagnosis
& Update



Quick and Easy
Installation



Flexible & Adaptable
Applications

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EN 20250610

MODEL	HP51100
Cell Type	LiFePO ₄
Battery Module	HP51100
Scalability	Max. 10 sets in parallel, 51.2kWh
Battery Module Capacity / Ah	100
Rated Battery Energy / kWh	5.12
Usable Energy / kWh ^①	4.608
Operating Voltage Range / V	42.4-56
Rated Voltage / V	51.2
Recommended Charge/Discharge Current / A ^②	50
Max. Charge/Discharge Current / A ^②	80/100
Charging Temp. Range / °C	-20~+60
Discharging Temp. Range / °C	-20~+60
Dimension (W*D*H) / mm	420*199*720
Net Weight / Kg	55
Communication	CAN
Cycle Life	8000
Altitude / m	3000
Protection Level	IP65
Warranty / Years ^③	10

① Test condition: 90% DOD, 0.5C charge/discharge at 25°C. system usable energy may vary due to system configuration parameters

② The current is affected by temperature and SOC

③ Warranty is due whichever reached first of warranty period or life cycle power