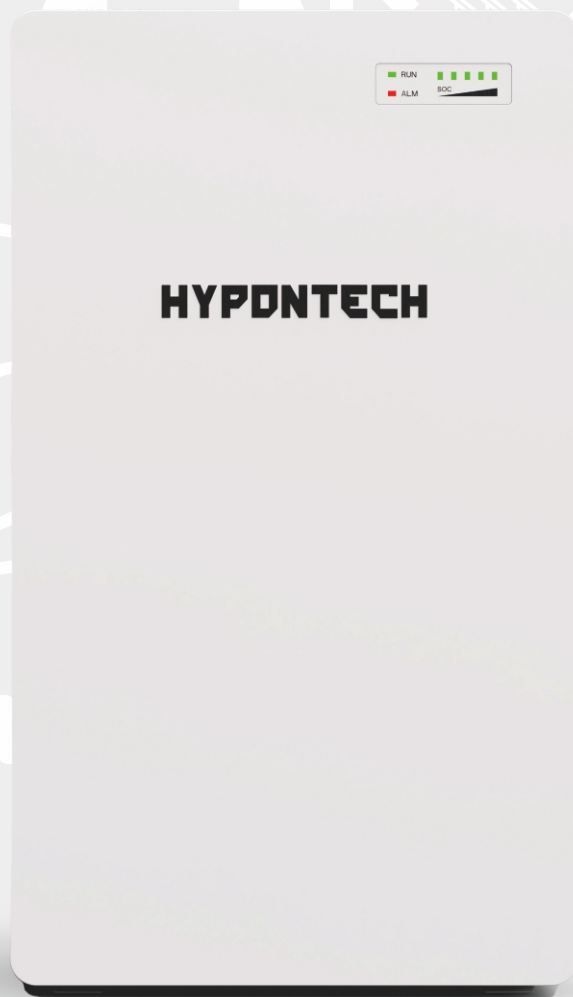


Li-ion  
battery

HDP<sup>LV</sup>



Remote Diagnosis  
& Update



Quick and Easy  
Installation



Flexible & Adaptable  
Applications

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**MODEL****HP51100**

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

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