

LOW VOLTAGE LI-ION HOME BATTERY

10 kW High Power

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The First Home Energy Storage Battery with Fire Extinguisher Integrated
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-20°C cold Climate Outdoor & Indoor Installation
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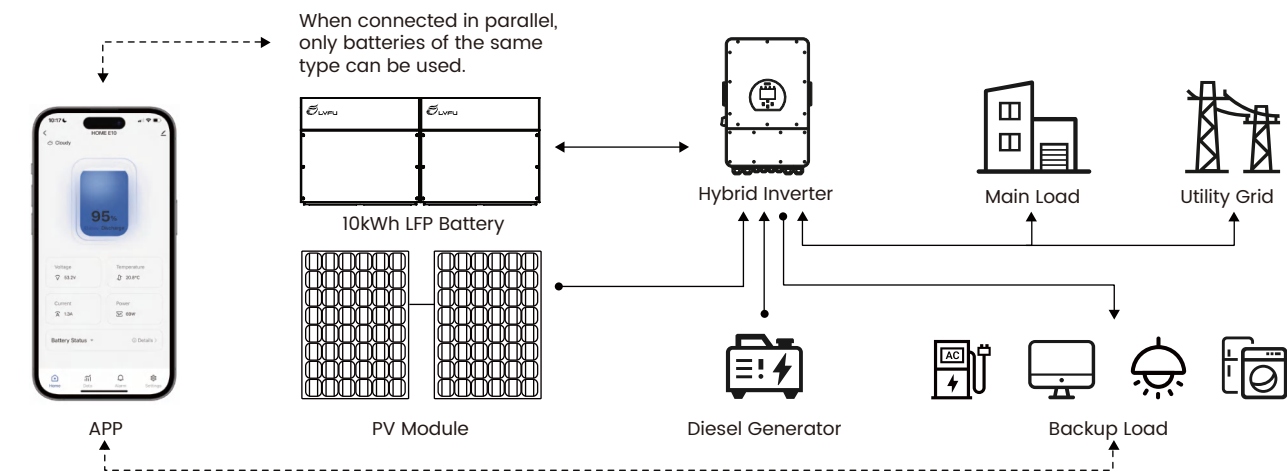
Auto-active Heating for Cold Climate Usage
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Radiation cooling for Hot Climate Usage
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LFP-Proven Safe and High Performance Battery Chemistry
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Electric Vehicle Grade Battery Module Design
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Expandable up-to 6 Batteries



ELECTRICAL

	LFGS-51200
Nominal/Usable Energy	12.8/12.1kWh
Max. Power	10 kW
Max. Current	200 A
Voltage Range	41.5 ~ 57.6 V
DC Efficiency	95%

GENERAL

Battery Type	LFP
Protection	Auto-Fire Extinguishing
Energy Expansion	Up to 76.8kWh (6x LFGS-51200)
Communication	CAN, RS485, WiFi

MECHANICAL

Dimension(L*W*H)	240*726*716 mm
Weight	125 kg
Ingress Rating	IP65

OPERATION

Temperature Range	-20°C ~ 55°C
Heating	Smart Module Heating
Cooling	Radiation Cooling
Thermal Insulation	Thermal Shield (Optional)
Humidity Range	5 ~ 90%

CERTIFICATION

Safety	CE, UKCA, IEC62619, UL1973
Transportation	UN38.3

WARRANTY

10 years



Thermal Shield

