

LOW VOLTAGE LI-ION HOME BATTERY

5/10 kWh High Power 1C Battery



The First Home Energy Storage Battery with Fire Extinguisher Integrated



-20°C Cold Climate Outdoor & Indoor Installation



Auto-active Heating for Cold Climate Usage



Radiation Cooling for Hot Climate Usage



High Performance Battery Cells from CATL (World's No. 1 Battery Supplier)



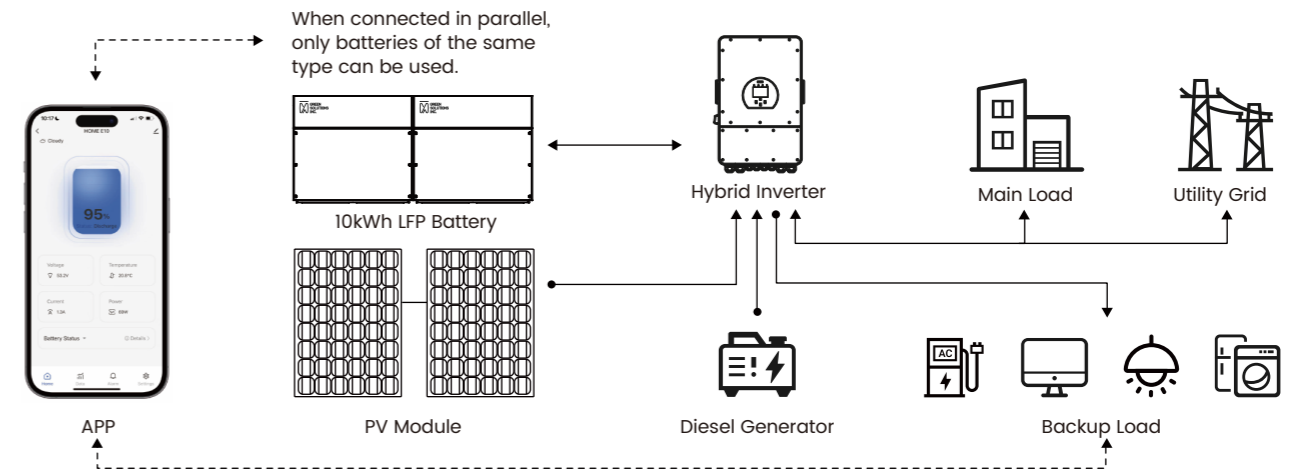
LFP – Proven Safe Battery Chemistry



Electric Vehicle Grade Battery Module Design



Stackable up-to 4 Batteries



ELECTRICAL	MODEL: E5	MODEL: E10
Nominal/Usable Energy	5.1 / 4.8 kWh	10.2 / 9.7 kWh
Max. Power	5 kW	10 kW
Max. Current	100 A	200 A
Voltage Range	40 ~ 57.6 V	40 ~ 57.6 V
DC Efficiency	95.4%	95.4%
GENERAL		
Battery Type	LFP	LFP
Protection	Auto-Fire Extinguishing	Auto-Fire Extinguishing
Energy Expansion	Up to 20 kWh (4x E5)	Up to 40 kWh (4x E10)
Communication	CAN, RS485, WiFi	CAN, RS485, WiFi
MECHANICAL		
Dimension (L*W*H)	240*726*496mm	240*726*716 mm
Weight	65 kg	120 kg
Ingress Rating	IP65	IP65
OPERATION		
Temperature Range	-20°C ~ 55°C	-20°C ~ 55°C
Heating	Smart Module Heating	Smart Module Heating
Cooling	Radiation Cooling	Radiation Cooling
Thermal Insulation	Thermal Shield (Optional)	Thermal Shield (Optional)
Humidity Range	5 ~ 90%	5 ~ 90%
CERTIFICATION		
Safety	CE, UKCA, IEC62619, UL1973	CE, UKCA, IEC62619, UL1973
Transportation	UN38.3	UN38.3

WARRANTY

10 years



Thermal Shield



240 mm | 726 mm | 496 mm



240 mm | 726 mm | 716 mm