

LOW VOLTAGE LI-ION HOME BATTERY

5/10 kW High Power



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



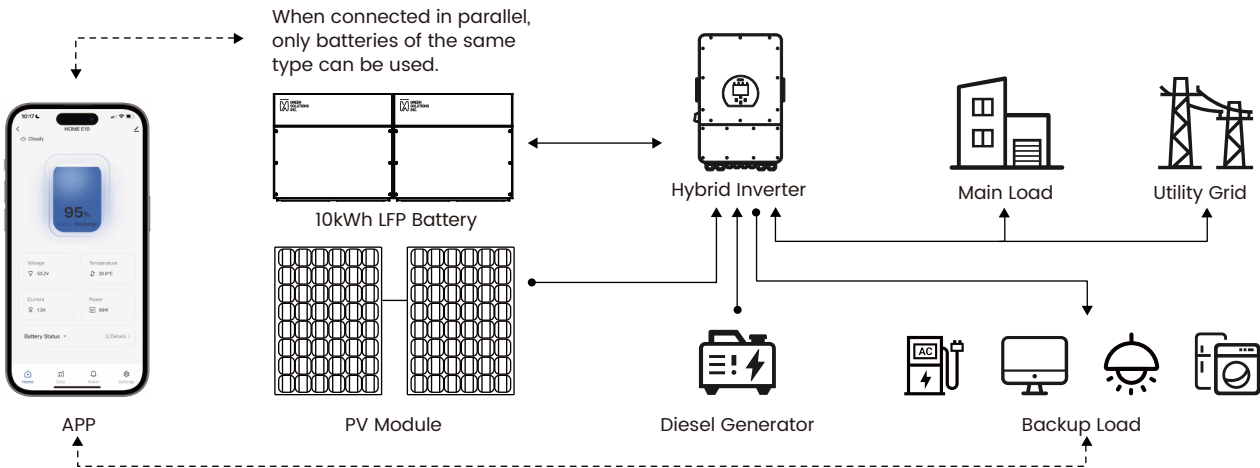
LFP – Proven Safe and High Performance Battery Chemistry



Electric Vehicle Grade Battery Module Design



Expandable up-to 6 Batteries



ELECTRICAL

	MODEL: E5	MODEL: E10
Nominal/Usable Energy	6.4 / 6.1 kWh	12.8 / 12.1 kWh
Max. Power	5 kW	10 kW
Max. Current	100 A	200 A
Voltage Range	41.5 ~ 57.6 V	41.5 ~ 57.6 V
DC Efficiency	95%	95%

GENERAL

Battery Type	LFP	LFP
Protection	Auto-Fire Extinguishing	Auto-Fire Extinguishing
Energy Expansion	Up to 38.4 kWh (6x E5)	Up to 76.8 kWh (6x E10)
Communication	CAN, RS485, WiFi	CAN, RS485, WiFi

MECHANICAL

Dimension (L*W*H)	240*726*496mm	240*726*716 mm
Weight	67.5 kg	125 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

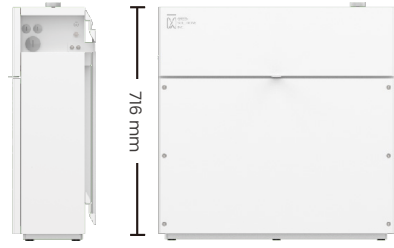
10 years



Thermal Shield



240 mm 726 mm



240 mm 726 mm