

Sunny Apex Low Voltage Li-ion Battery with Fire Extinguishing

Model: E5 / E10



The First Home Energy Storage Battery with Fire Extinguisher Integrated



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



-20°C Cold Climate Outdoor & Indoor Installation



LFP - Proven Safe Battery Chemistry



Auto-active Heating for Cold Climate Usage



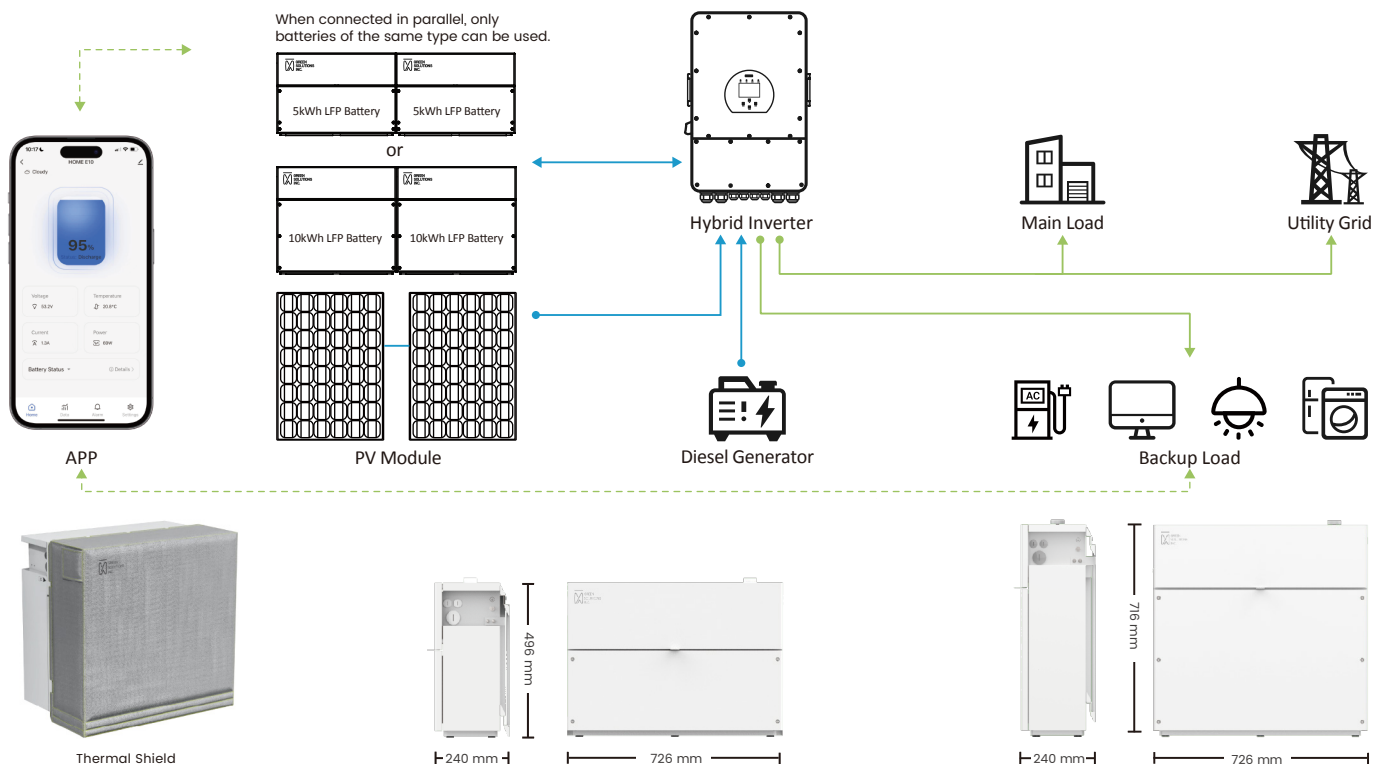
Electric Vehicle Grade Battery Module Design



Radiation Cooling for Hot Climate Usage



Stackable up-to 4 Batteries



ELECTRICAL

Nominal/Usable Energy
Max. Power
Max. Current
Voltage Range
DC Efficiency

MODEL: E5

5.1 / 4.8 kWh
5 kW
100 A
40 ~ 57.6 V
95.4%

MODEL: E10

10.2 / 9.7 kWh
10 kW
200 A
40 ~ 57.6 V
95.4%

GENERAL

Battery Type
Protection
Energy Expansion
Communication

LFP
Auto-Fire Extinguishing
Up to 20 kWh (4x E5)
CAN, RS485, WiFi

LFP
Auto-Fire Extinguishing
Up to 40 kWh (4x E10)
CAN, RS485, WiFi

MECHANICAL

Dimension (L*W*H)
Weight
Ingress Rating

240*726*496mm
65 kg
IP65

240*726*716 mm
120 kg
IP65

OPERATION

Temperature Range
Heating
Cooling
Thermal Insulation
Humidity Range

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

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CERTIFICATION

Safety
Transportation

CE, UKCA, IEC62619, UL1973
UN38.3

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WARRANTY

10 years

BRAND

Green Solutions