

FSESS/51.2V-100AH 5.12KWh

LITHIUM-LiFePO4 Battery

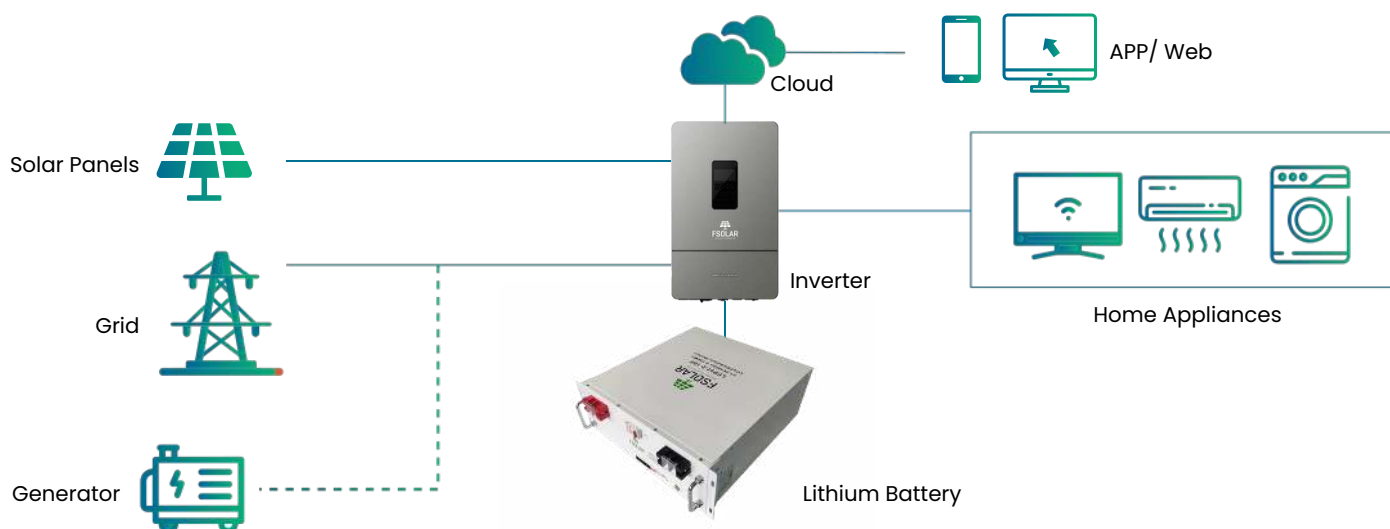


BEYOND
IMAGINATION

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FSESS / 51.2V

Lithium-LiFePO4 Battery



SPECIFICATION

Model

FSESS 5.12KWh 100AH LFP51.2-100

Energy Capacity	5.12KWh
Cell Specifications	LiFePO4
Nominal Voltage	51.2V
Nominal Capacity	100AH
Operating Voltage Range	43.2V - 57.6V
Recommended Charge Voltage	56.0V±0.2V
Max Charge Voltage	58.4V±0.2V
Recommended Charge Current	100A
Max Continuous Charge Current	100A
Recommended Discharge Voltage	44.8V±0.2V
Max Discharging Voltage	43.2V±0.2V
Max Continuous Discharge Current	100A
Peak Discharge Current	120A (100ms)
Internal Resistance	<25mΩ
Efficiency - Round Trip	>97%
Max Parallel Connectors	6Pcs
Cycle Life (0.5C, 250C@90%DOD)	>6,000 Cycles
Installation Type	Upright
Discharge Temperature	-20°C to 70°C
Charge Temperature	-5°C to 65°C
Storage Temperature	0°C to 30°C
Dimensions (LxWxH) / Weight(Approx.)	482*480*178mm / 55KG