

FSOLAR 314AH 51.2V 16KWH
LiFePO4 – Lithium Battery – V2.0



 **ALPHA SERIES**


FSOLAR
BEYOND IMAGINATION

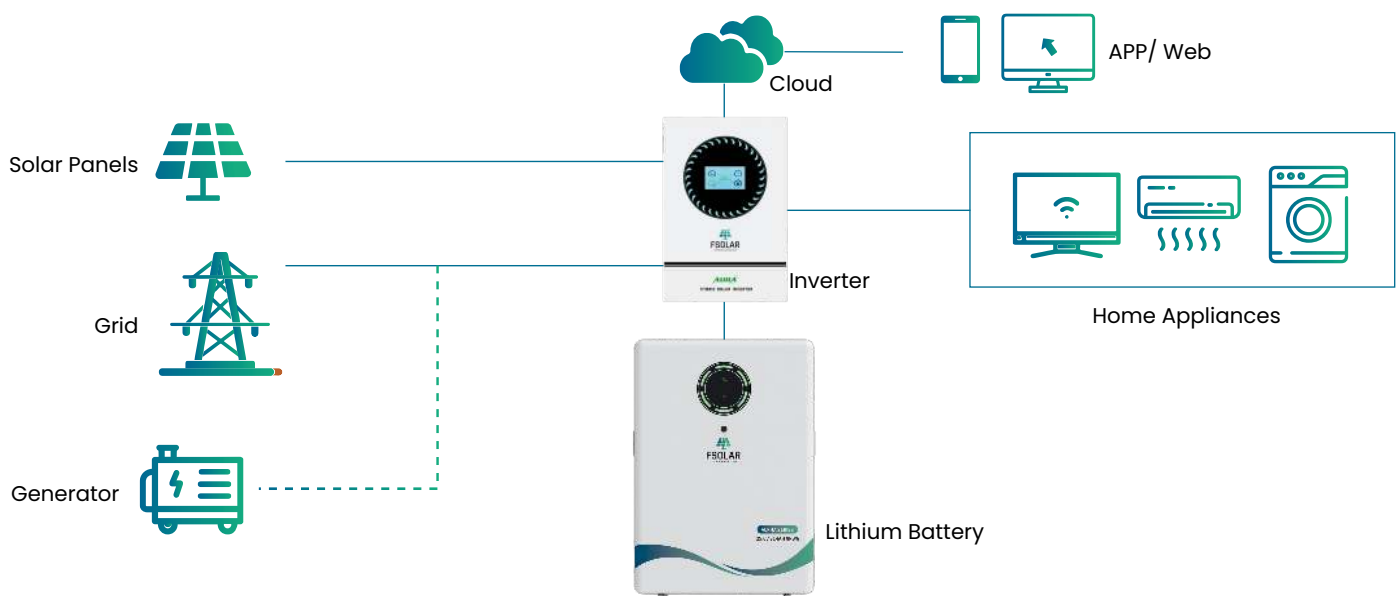
**BEYOND
IMAGINATION**

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FSESS – 16KWH V2.0

Lithium-LiFePO4 Battery

-  >6000 CYCLE
-  Reliable LFP Cells
-  Natural Cooling System
-  Wide Inverter Compatibility



Model	FSESS-16KWH V2
Cell Specifications	LiFePO4/LFP (Lithium Iron Phosphate Battery)
Scalability	Max.6 pcs in parallel
Rated voltage	51.2V
Operation voltage range	43.2V~58.4V
Rated energy	314AH
System energy capacity	16KWh
Max continuous discharging current	200A
Rated charge current	150A
Rated discharging current	150A
DOD % @25°C	80%DOD
Self-discharge	<3% per Month @25°C
Cycle life	>6000 Cycles @25°C 80%DOD
Dimension (W X H X D) (Weight)	L450 X W270 X H881 mm (123 KGs)
Package	Individual Wooden Box
Charge temperature	0~60°C
Discharge temperature	-20~60°C
Recommended storage temperature	20~30°C
Cooling concept	Natural cooling
Max.operating altitude	3000m
Installation type	Ground
Ingress protection	IP20
Environment	Indoor
PACE BMS Communication interfaces	RS485/RS232/CAN
Hazardous material classification	Class 9
Transport testing requirement	UN38.3
Protection class	Class 1
System function	Over-Charge, over-discharge, short-circuit, Over-voltage, Under voltage, over current, Over-temperature, Anty-Surge.