

Rack-Mounted Energy Storage Battery

5.12kWh/10.24kWh/14.34kWh/16.08kWh

SOLAR POWER SYSTEM LITHIUM BATTERY



OEM & ODM SUPPORT

INTELLIGENT CONTROL CHIP

X-SERIES BRACKET HOLDER

MULTIPLE INTERFACE SUPPORT

Product Features:



10 years
warranty



Low voltage
safety connection



Superior LiFePO4
safety performance



Flexible installation,
saving time and effort



1C/1C continuous
charge and discharge

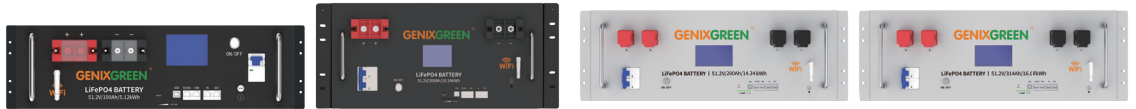
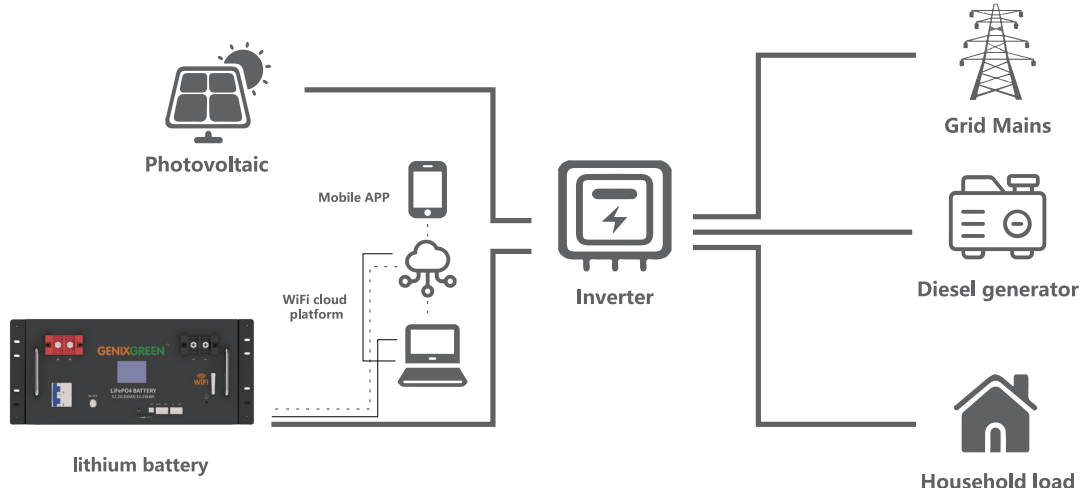


Battery Auto-sleep
and wake-up upon
inverter command

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GENIXGREEN®



Product Model	ESS-5120-KS7	ESS-10240-KS6	ESS-KS3-16280	ESS-KS3-16314
Nominal Energy	5.12kWh	10.24kWh	14.34kWh	16.08kWh
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	280Ah	314Ah
Cell Type	LFP	LFP	LFP	LFP
Standard Charge Voltage	56.8V	56.8V	56.8V	56.8V
Max. Discharge Current	100A	150A	200A	200A
Discharge Cut-Off Voltage	44.8V	44.8V	44.8V	44.8V
Parallel Function	Parallels: Max.16, Max.33, Max.64 (Optional)			
Communication Interface	RS485,USB,CAN			
Cycle Life	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)		≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)	
Charge Temperature Range	0~55°C			
Discharge Temperature Range	-20~55°C			
Certification	Pack: CEI 0-21/CE/IEC 62619/UL1973 by Intertek/MSDS/UN38.3 Cell: UL1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3			
Dimension	440*440*132mm	468.6*474.1*235mm	520*620*230mm	520*620*230mm
Net Weight	52kg	85kg	118kg	118kg
Installation Method	Rack-mounted Stackable /Wall-mounted	Rack-mounted Stackable	Rack-mounted Stackable /Floor Standing	Rack-mounted Stackable /Floor Standing
Warranty	10 years warranty, 15 years design life			
Energy Throughput ^[1]	22MWh	44MWh	62MWh	70MWh
Display	3.2" LCD Touch Screen	4.3" LCD Touch Screen	4.3" LCD Touch Screen	4.3" LCD Touch Screen
Optional	Circuit Breaker/WiFi/Bluetooth			

[1] Conditions apply, refer to GENIXGREEN warranty letter.