



Rack-Mounted Energy Storage Battery

SOLAR POWER SYSTEM LITHIUM BATTERY

OEM & ODM SUPPORT

INTELLIGENT CONTROL CHIP

X-SERIES BRACKET HOLDER

MULTIPLE INTERFACE SUPPORT



5 years warranty



Low voltage safety connection



Superior LiFePO4 safety performance



6000 cycles at 80% DOD



1C/1C continual charge and discharge



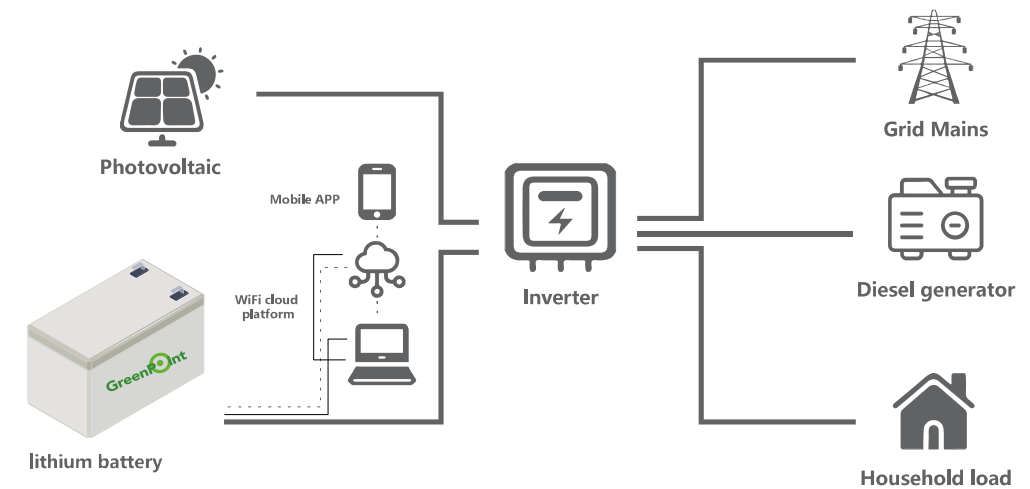
Battery Auto-sleep and wake-up upon inverter command

Compatible With Inverter Brands

GenixGreen's battery BMS supports simultaneous communication and is compatible with multiple inverter brands



Rack-Mounted Energy Storage Battery 5.12kWh 10.24kWh 14.34kWh



Parameters

Product Model	ESS-KS7-16100	ESS-KS6-16200	ESS-KS3-16280
Nominal Energy	5.12kWh	10.24kWh	14.34kWh
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	280Ah
Cell Type	LFP	LFP	LFP
Standard Charge Voltage	56.8V	56.8V	56.8V
Max. Discharge Current	100A	150A	200A
Discharge Cut-Off Voltage	44.8V	44.8V	44.8V
Parallel Function	Support 16 Units In Parallels		
Communication Interface	RS485、USB、CAN		
Cycle Life *	≥6000 Cycles (25°C±2°C, 0.2C/0.2C, 80%DOD)		
Charge Temperature Range	0~55°C		
Discharge Temperature Range	-20~55°C		
Certification	Pack: IEC 62619/MSDS/UN38.3 Cell: UL 1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3		
Dimension	440*440*132mm	468*475*235mm	620*520*230mm
Net Weight	44kg	81kg	114kg
Installation Method	Rack-mounted with Bracket		
Warranty	5 Years(under warranty terms)		
Optional	WiFi remote monitoring		

*Test Condition: 80% DOD, 0.2C charge & discharge @25°C