



GGESS-51.2-16KWH LiFePO4 Battery



**PRODUCT INTRODUCTION**



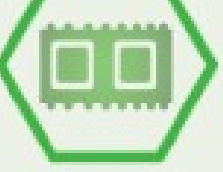
High inverter compatibility



Natural cooling system



5 years warranty



Reliable LFP cells



Cycle life > 6000 times



CANbus standard connection



IP20 Rating Triple hardware protection



Smart BMS system to optimize the performance



Length: 420±1mm
Width: 270±1mm
Height: 810(881)±1
Weight: 124kg+0.1kgs

General Information	
Battery model	GGESS-51.2-16kWh
Cell type	LiFePO4/LFP (Lithium Iron Phosphate Battery)
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℃	80%DOD
Self-discharge	<3% per Month @25℃
Cycle life	>6000 Cycles @25℃ 80%DOD
Warranty	5 Years
Dimension(W×H×D)	L450×W270×H810(881)mm
Package	Individual Wooden Box
System function	Over-Charge protection; over-discharge protection; short-circuit protection; over-voltage protection; Under-voltage protection; over-current protection; Over-temperature protection; State of Charge Display; Anti- Surge protection; Smart BMS with First Level protection, Second Level Protection and Third Level protection; and Circuit Breaker protection;
Environmental Requirements	
Charge temperature	0~60℃
Discharge temperature	-20~60℃
Recommended storage temperature	20~35℃
Cooling concept	Natural cooling
Max.operating altitude	3000m
Installation type	Ground(wheel move)
Ingress protection	IP20
Environment	Indoor
Communication Interfaces	
Display	LED Strip Light(L255*W20mm)
PACE BMS Communication interfaces	RS485/RS232/CAN
Standard	
Hazardous material classification	Class 9
Transport testing requirement	UN38.3
Protection class	Class 1
Certifications	CE/IEC62619