

LIFEPO4 BATTERY
LITHIUM
BATTERY 4KW
GGESS-25.6-4KWH 155 AMPERE



Reliable LFP
cells



High inverter
compatibility



Natural cooling
system



5 years
warranty



Cycle life >
6000 times



CANbus standard
connection



IP20 Rating Triple
hardware protection



Smart BMS system
to optimize the
performance



GENERAL INFORMATION

Battery model	GGESS-25.6-4kWh
Cell type	LiFePO4/LFP (Lithium Iron Phosphate Battery)
Rated voltage	25.6V
Operation voltage range	21.6V~29.2V
Rated energy	155AH
System energy capacity	4kWh
Max continuous discharging current	150A
Rated charge current	80A
Rated discharging current	80A
DOD % @25°C	
Self-discharge	<3% per Month @25°C
Cycle life	>6000 Cycles @25°C 80%DOD
Warranty	5 Years
Dimension(W×H×D)	L460×W150×H520mm
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°C
Discharge temperature	-20~60°C
Recommended storage temperature	20~35°C
Cooling concept	Natural cooling
Max.operating altitude	3000m
Installation type	Wall-mounted
Ingress protection	IP20
Environment	Indoor

COMMUNICATION INTERFACES

Display	LED Strip Light
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