

GGESS / 215kWh

LiFePO4 Battery

- Solar + Storage solution
- Unified design concept
- Advanced safety features
- Convenient outdoor configuration
- Enable adaptable system design
- Scalable capacity
- Air-cooled distribution



Model	GGESS 215kWh
Rated capacity	215kWh
Rated voltage	768V
Voltage range	648V~876V
Battery Type	LiFePO4 (LFP)
Battery pack connection	1P16S*15S
Rated charge and discharge current	140A
Maximum charge and discharge current	170A
Photovoltaic rated power	50kW (optional)
Photovoltaic voltage range	300V~1000V
Rated AC power	100kW
Rated AC voltage	400V, 3W+N+PE/3W+PE
Rated AC frequency	50/60Hz
Current total harmonic distortion rate THDI	< 3% (rated power)
Voltage total harmonic distortion rate THDU	< 3% (linear load)
Power Factor	-1 ~ +1
Protection level	IP55
Display	LCD touchscreen
Noise	< 75dB
Operating temperature	-25°C ~60°C
Cooling method	Air cooled
Altitude	Derating over 3000m
EMS communication	Ethernet/485
BMS Communication	CAN/485
Size	1451*1085*2383mm
Weight	Around 2.6T