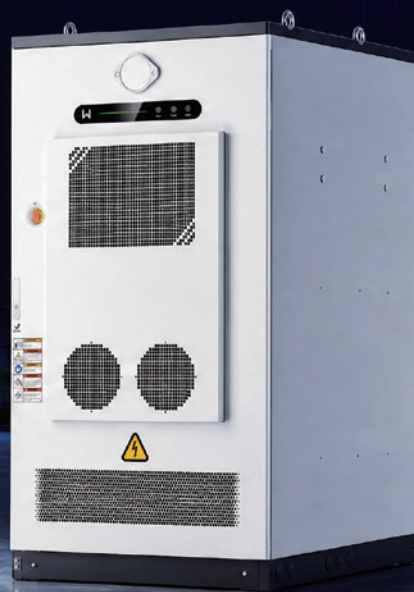


GOODWE

BAT-C Series 208/261kWh

C&I Battery System

Powering Smarter C&I Energy Storage



UL9540A

3-hour fire-resistant cabinet design

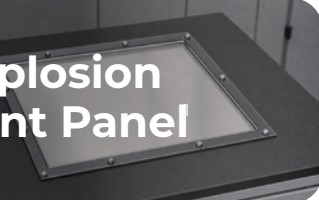


C5¹

Anti-corrosion protection



Explosion Vent Panel



Active Gas Detection

Aerosol Fire
Suppression

Smoke
Exhaust



-25°C to 55°C

Operation
Harsh Environment Ready



Pack-level
**Active
Balancing**



Up to
10000 cycles

Up to
1044 kWh
Scalable Capacity



Pac

IP67

System

IP55



Built-in DCDC

Mix New & Old Batteries,
Different SOCs



Technical Data		GW208.9-BAT-LC-G10	GW261.2-BAT-LCD-G10
Battery System			
Battery Type	LFP (LiFePO ₄)		
Rated Capacity (Ah)	314		
Pack Type / model	GW52.2-PACK-LC-G10		
Pack Rated Energy (kWh)	52.24		
Pack Configuration	1P52S		
Pack Weight (kg)	335 ± 8		
Number of Packs	4	5	
Rated Energy (kWh)	208.9	261.2	
Pack Nominal Voltage (V)	166.4		
Nominal Voltage (V)	665.6	832.0	
Operating Voltage Range (System) (V)	596.96 ~ 750.88	746.2 ~ 1000	
Max.Charging / Discharging Current (A) ^{*1}	188.4 / 188.4	-	
Max. Input / Output Current (A)	-	180 / 180	
Max. Charging / Discharging power (kW) ^{*1}	125.3/125.3	-	
Max. Input / Output Power (kW)	-	137.5 / 137.5	
Max. Charging / Discharging Rate ^{*1}	0.6 / 0.6P		
Charging / Discharging Operating Temperature Range (°C)	-25 ~ +55		
Cycle Life ^{*2}	≥10000		
Depth of DisCharge	100%		
Efficiency			
Round-trip Efficiency	94%@100% DOD, 0.5P, 25 ± 2°C	93%@100% DOD, 0.5P, 25 ± 2°C	
General Data			
Storage Temperature (°C)	+35°C ~ +45°C (<6 Months); -20°C ~ +35°C(<1 Year)		
Relative Humidity	4 ~ 100%, No condensation		
Max. Operating Altitude (m)	4000		
Cooling Method	Liquid Cooling		
Communication	CAN		
Weight (kg)	≤2095	≤2440	
Dimension (W × H × D mm)	1050 × 2025 × 1565		
Noise Emission (dB)	≤70		
Useable Extinguishing Agent	CO ₂ , H ₂ O		
Crucial Material	LiFePO ₄ , C, Cu, LiPF ₆ , Al, (C ₃ H ₆) n		
Ingress Protection	IP55		
Protective Class	I		
Anti-Corrosion Class	C4-M (C5-M Optional)		
Fire Safety Equipment	Aerosol (Pack&Cabinet Level)		

*1: Actual Dis- / Charging Current and power derating will occur related to Cell Temperature and SOC. And, Max C-rate continuous time is affected by SOC, Cell Temperature, Atmosphere environment temperature.

*2: Based on test data under specific laboratory conditions.

*: Please visit GoodWe website for the latest certificates.