

GOODWE

Lynx A G4 Series **10kWh**

Low Voltage Battery

A Safer Energy Solution Built to Last

IP65 & C5M¹
Protection



314Ah Cells
10,000 Cycles
Long-lasting reliability

130% Overload (10s)
Supports peak loads easily



**Aerosol Fire
Suppression¹**



Active Balancing
Optimizes SOC



Built-in DC/DC

Mix capacities,
Mix old & new batteries



-20°C to 55°C

Operation¹
Harsh Environment Ready



Modern Home Aesthetics

Compact & elegant



¹: Optional functions or devices are purchased separately.

Technical Data		GW10.0-BAT-LV-G10
Battery Type		LFP (LiFePO ₄)
Rated Capacity (Ah)		314
Rated Energy (kWh)		10
Usable Energy (kWh) ^{*1}		≥9.2
Nominal Voltage(V) (Battery)		32
Operating Voltage Range(V) (System)		45 ~ 60
Voltage Range(V) (Battery)		28.70 ~ 36.10
Max. Input Current(System) (A)		92
Max. Output Current (System) (A)		100
Max. Input Power (System) (kW) ^{*2}		5
Max. Output Power (System) (kW) ^{*2}		5
Peak Output Power (System) (kW) ^{*2}		7.5kW (3s) 6.5kW (10s)
Charging Temperature Range (°C)		0 ~ +55 (standard) -20 ~ +55 (optional)
Discharging Temperature Range (°C)		-20 ~ +55
Relative Humidity		4 ~ 100%
Max. Operating Altitude (m)		4000
Communication		CAN
Weight (kg)		85
Useable Extinguishing Agent		CO ₂ , H ₂ O
Crucial Material		LiFePO ₄ , C, Cu, LiPF ₆ , Al, (C ₃ H ₆) _n
Ingress Protection		IP65
Protective Class		I
Dimensions (W × H × D mm)		≤ 470 × 755 × 266
Optional Function Configuration		Heating / Aerosol fire
Storage Temperature (°C)		-20 ~ +45
Max. Storage time		-20 ~ +35°C ≤ 12 months +35 ~ +45°C ≤ 6 months
Scalability		≤12P
Mounting Method		Wall-Mounted, Floor-Mounted
Cycle Life ^{*3}		≥10000
Standard and Certification	Safety	IEC62619, IEC60730, IEC63056, CE
	EMC	EN IEC 61000-6-1, EN IEC 61000-6-2, EN IEC 61000-6-3, EN IEC 61000-6-4
	Transportation	UN38.3

*1: Test conditions, 100% DOD (cell 2.87~3.61V voltage range), GW10.0-BAT-LV-G10 based on 2.5kW charge & discharge at 25±2°C for battery system at the beginning of life. Usable energy is defined by its initial design value. Actual available energy may vary depending on charge/discharge rate, environmental conditions (e.g. temperature), transport and storage factors.

*2: Max.Input Power/Max.Output Power/Peak Output Power derating will occur related to Temperature and SOC.

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

^: Please visit GoodWe website for the latest certificates.