

## Lynx C Series 60kWh | C&I Battery System

GoodWe's Lynx C 60kWh outdoor battery system is tailored for small to medium-sized commercial and industrial (C&I) energy storage applications. Its modular design not only minimizes the impact of local failures but also allows for swift and straightforward module replacements. By seamlessly integrating GoodWe ET 15-30kW hybrid inverters into the IP55-protected battery cabinet, a compact, easy-to-install, and high-performance turnkey energy storage system is achieved. This powerful combination enables efficient energy backup, peak shaving, and streamlined load management. Moreover, the system supports the parallel connection of batteries and inverters, allowing for the expansion of the energy storage system size and enabling flexible configurations.



### Smart Control & Monitoring

- Remote monitoring & updates
- Auto reboot after undervoltage



### Friendly & Thoughtful Design

- Highly integrated cabinet for easy transportation and installation
- Modular design for easier O&M



### Superb Safety & Reliability

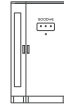
- Integrated remote shutdown
- Reliable LFP technology with high cycle stability
- IP55 and C4 corrosion protection for indoor & outdoor installation



### Flexible & Adaptable Applications

- Compatible with GoodWe hybrid inverter ET 15-30kW
- Support multi-cabinet parallel connection for easy system expansion

Technical Data	GW60KWH-D-10	GW60KWH-D-10 (Extension)
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Battery Data		
Usable Energy (kWh) <sup>1</sup>	60	
Cell Type	LFP (LiFePO4)	
Cell Capacity (Ah)	100	
Pack Nominal Energy (kWh)	5.76	
Number of Packs	11	
Nominal Voltage (V)	633.6	
Operating Voltage Range (V)	554.4 ~ 712.8	
Max. Charge / Discharge Current (A) <sup>2</sup>	96	
Max. Charge / Discharge Rate <sup>2</sup>	0.96C	
Max. Charge / Discharge Power (kW)	68.4	
Cycle Life <sup>3</sup>	≥5000	
Depth of Discharge	100%	
Efficiency		
Round-trip Efficiency	95%	
General Data		
Operating Temperature Range (°C)	Charge: 0 ~ +55; Discharge: -25 ~ +55	
Storage Temperature (°C)	0 ~ +35 (<One Year); -20 ~ 0 (≤One Month); +35 ~ +45 (≤One Month)	
Relative Humidity	0~95%	
Max. Operating Altitude (m)	3000	
Heating & Cooling	Air Conditioner	
User Interface	LED indicator	
Communication Interface	CAN	
Communication Protocol	CAN	
Weight (kg)	appro.1029.5	appro.972
Dimension (W x H x D mm)	1108 x 2050 x 1111.5	808 x 2050 x 1111.5
Ingress Protection Rating	IP55	
Anti-Corrosion <sup>4</sup>	C4 (Optional upgrade to C5)	
Fire Suppression	Perfluoro	
Country of manufacture	China	
Certification <sup>5</sup>		
Safety Regulation	IEC62619 / 63056, IEC60730-1, IEC/EN62477-1, IEC62040-1	
EMC	EN IEC61000-6-1, EN IEC61000-6-2, EN IEC61000-6-3, EN IEC61000-6-4	

\*1: Test conditions, 100% DOD, 0.5C charge & discharge at +25 ±2 °C for battery system at beginning life. System Usable Energy may vary with different Inverter.  
 \*2: Actual Dis- / Charge 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 ,Air-conditioner refrigeration capacity.

\*3: Based on Cell test condition of 25 ±2°C, 0.5C / 0.5C and 80% EOL.  
 \*4: Excluding locks.  
 \*5: Not all certifications & standards listed, check the official website for detail.  
 \*: Please visit GoodWe website for the latest certificates.  
 †: All pictures shown are for reference only. Actual appearance may vary.

## C&I Energy Storage Solution

The Lynx C 60kWh battery system is paired with a hybrid inverter from the GoodWe ET 15-30kW series to form a compact storage solution.



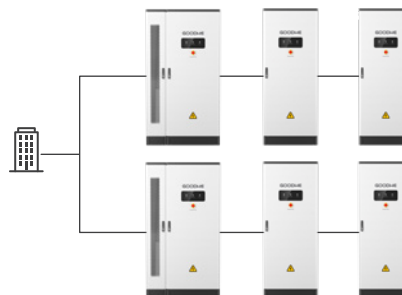
A convenient compartment for the hybrid inverter is included. The hybrid inverter of the ET15-30kW series must be purchased separately. Refer to the ET 15-30kW datasheet for detailed inverter specs.

## Extension of the Energy Storage Solution

The combined energy storage system can be expanded by connecting up to two additional Lynx C 60kWh extension batteries (model GW60KWH-D-10-Extension), resulting in 180kWh battery capacity.



Parallel connection of the hybrid inverter will enable further system expansions.



\*Parallel connection feature expected in 2024.