

Flexible battery system for C&I energy storage

- ✓ Lower electricity cost
- ✓ Reduced peak demand
- ✓ Uninterrupted power supply
- ✓ Safe and efficient operation

Combined with GoodWe ET 15-30kW hybrid inverters, the Lynx 60 kWh battery system offers an expandable and easy-to-install storage solution for C&I applications. The combined solution enables parallel connection of multiple ET inverters and up to three Lynx C 60kWh per inverter**1. Energy back-up, peak-shaving and load management functions are intelligently handled by the inverter. With effective temperature management to enable outdoor operation across different climate zones, the storage solution is a great fit for small and medium C&I scenarios, including industrial parks, agricultural and commercial complexes.

-  Compatible with GoodWe hybrid inverters ET 15-30kW
-  Paralleling options for extended power and battery capacity**1
-  Outdoor battery cabinet with compartment for GoodWe inverter



Technical Data		GW60KWH-D-10	GW60KWH-D-10 (Extension)
			
Battery Data			
Usable Energy (kWh)*1	60		
Cell Type	LFP (LiFePO4)		
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)*2	96		
Cycle Life*3	≥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		
Communication Interface	CAN		
Weight (kg)	appro.1029.5	appro.972	
Dimension (W × H × D mm)	1108 × 2050 × 1111.5	808 × 2050 × 1111.5	
Ingress Protection Rating	IP55		
Anti-Corrosion*4	C4 (Optional upgrade to C5)		
Fire Suppression	Perfluoro		

*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.

*3: Based on Cell test condition of 25 ±2°C, 0.5C / 0.5C and 80% EOL.

*4: Excluding locks.

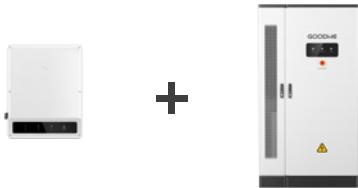
**1: Parallel connection feature expected in 2024.

*: 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.



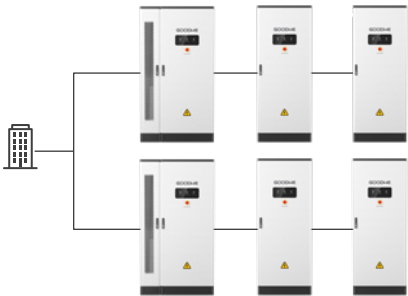
A convenient compartment for the hybrid inverter is included. The hybrid inverter of the ET15-30kW series must be purchased separately. Refer to the ET 15-30kW datasheet for detailed inverter specs.

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.