

GOODWE

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. 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
-  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.

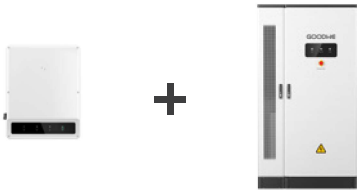
*4: Excluding locks.

*: 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.

