



Smart Control & Monitoring

- · Remote monitoring & updates
- · Peak shaving



Superb Safety & Reliability

- · Reliable LFP technology with high cycle stability
- · IP55 and C4 corresion protection for indoor & outdoor installation
- · Fire suppression and explosion prevention design



Friendly & Thoughtful Design

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



Flexible & Adaptable Applications

- · Compatible with GoodWe hybrid inverter ET 40-50kW
- · Support multi-cabinet parallel connection for easy system expansion



Technical Data	GW100KWH-D-10	GW100KWH-D-10 (Extension)	
Battery Data			
Cell Type	LFP	LFP (LiFePO4)	
Module Nominal Energy (kWh)		14.4	
Number of Packs		7	
Jsable Energy (kWh)*1		100	
Nominal Voltage (V)	1	672	
Operating Voltage Range (V)	56	67 ~ 756	
Charging Temperature Range (°C)	0	~ +55	
Discharging Temperature Range (°C)	-2	5 ~ +55	
Max. Charge / Disharge Current (A)*2	Charge: 90; Discharge: 120		
Depth of Discharge		100%	
Efficiency			
Round-trip Efficiency	94%		
General Data			
Storage Temperature (°C)	0 ~ 35 (<one (≤one="" -10="" 0="" 35="" 40="" month);="" month)<="" td="" year);="" ~=""></one>		
Relative Humidity	0 ~ 95%, No condensation		
Max. Operating Altitude (m)	3000		
Heating & Cooling	Air Conditioner		
Communication Interface	CAN		
Weight (kg)	approx.1520	approx.1430	
Dimension (W x H x D mm)	approx.1200 × 2070 × 1050	approx.900 × 2070 × 1050	
ngress Protection Rating	IP55		
Anti-Corrosion*3	C4 (Optional upgrade to C5)		
Fire Suppresion	Optional, Aerosol / Perfluorhexone		

- *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: 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 100kWh battery system is paired with a hybrid inverter from the GoodWe ET 40-50kW Series to form a compact storage solution. Additionally, when paired with the Static Transfer Switch (STS) Box from GoodWe, this storage solution can not only enable dependable UPS-level switching to backup mode but also interact with diesel generators to efficiently replenish batteries.



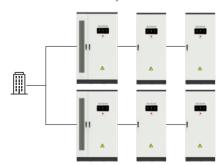
A convenient compartment for the hybrid inverter is included. The hybrid inverter of the ET 40-50kW Series must be purchased separately. Refer to the ET 40-50kW or STS datasheet for detailed specifications.

Extension of the Energy Storage Solution

The combined energy storage system can be expanded by connecting up to two additional Lynx C 100kWh extension batteries (model GW100KWH-D-10-Extension), resulting in 300kWh battery capacity.



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



*The parallel connection feature for ET 40-50kW inverters is expected in 2024.