



## LV ENERGY STORAGE

# GTX5000-PRO

5.1 kWh

- CATL battery cells, extensive cycle life (6000 cycles)
- Supports parallel operation (up to 4 units)
- Efficient automated production line, achieving optimum production quality
- Wall-or floor-mounted installation, saving time and costs
- User-friendly one-button operation, automatic module ID assignment process
- Extensive range of certifications, including IEC62619, UN38.3, IEC62040-1, SAA, etc.
- Remote diagnosis and real-time data monitoring
- Compatible with multiple hybrid inverter brands



Basic Parameters		
Battery type	LFP	
Nominal capacity (Ah)	100	
Nominal voltage (Vdc)	51.2	
Total energy (Wh)	5120	
Usable energy (90% DOD) (Wh)	4600	
Charge voltage (Vdc)	55.68-56.16	
Discharge voltage (Vdc)	45.6-56.16	
Nominal charge current (A)	50	
Nominal charge power (W)	2560	
Max. charge current (A)	100	
Max. charge power (W)	5000	
Nominal discharge current (A)	50	
Nominal discharge power (W)	2560	
Max. discharge current (A)	100	
Max. discharge power (W)	5000	
Short current (A)	350	
Communication	RS232, RS485, CAN	
Working temperature	0 °C~55°C	
Storage temperature	≤ 25°C: 12 months, ≤ 35°C: 6 months, ≤ 45°C: 3 months	
Operating humidity	< 95% RH	
Storage humidity	< 95% RH	
Max. operating altitude	≤ 2000 m	
Scalable	Suggest up to 4	
Enclosure protection rating	IP20	
Net Weight (kg)	47	
Dimension (mm)	480*171.5*606	
Certification	IEC62619, UN38.3, IEC62040-1, SAA etc	
Cycle life	6000 Cycles @ 80% DOD / 25°C / 0.5C, 60% EOL	

Note: Operating current derating according to cell voltage and battery temperature.  
\* All specifications are subject to change without notice.

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# Hybrid Solar System

