

**LV ENERGY STORAGE****GTX 5000-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

Datasheet

GTX 5000-PRO

Basic Parameters	
Battery type	LFP
Rated capacity (Ah)	100
Rated 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
Rated charge current (A)	50
Rated charge power (W)	2560
Max. charge current (A)	100
Max. charge power (W)	5000
Rated discharge current (A)	50
Rated 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.

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# Hybrid Solar System

