

**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

