

HV ENERGY STORAGE

GTX3000-H4~H10

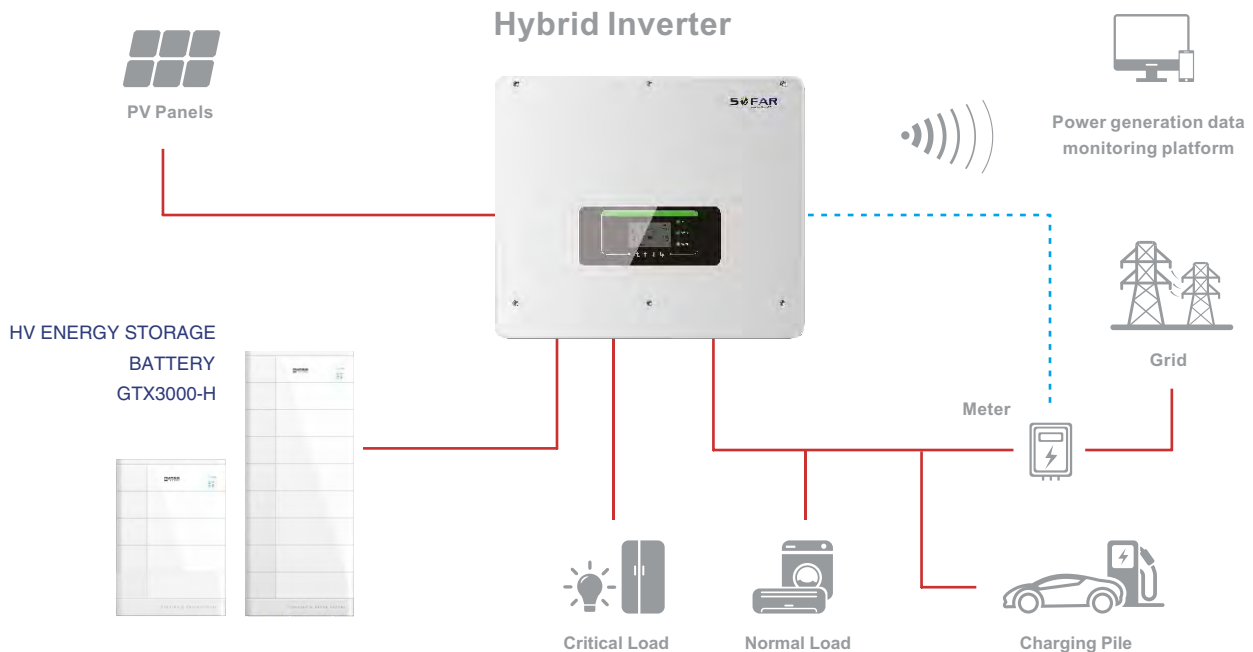
10 / 12.5 / 15 / 17.5 / 20 / 22.5 / 25 kWh

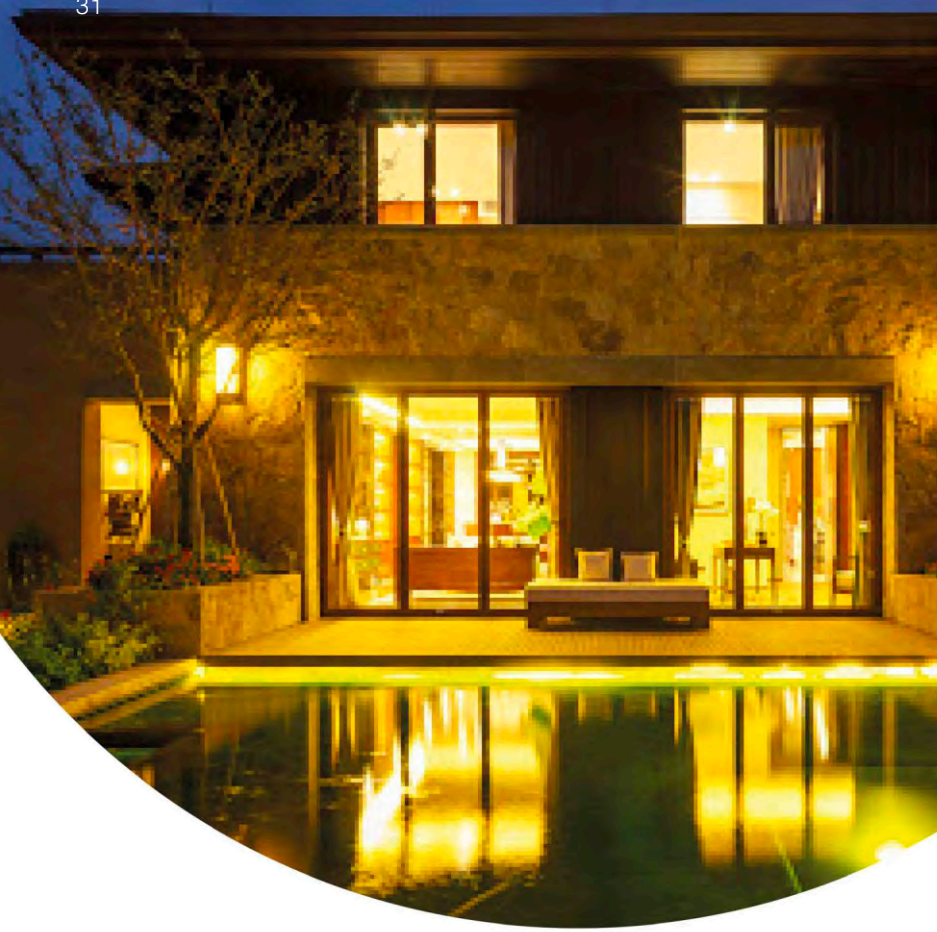
- Extensive cycle life (6000 cycles)
- Supports parallel operation (up to 4 units)
- Supports soft startup
- Supports charging activation from AC
- Efficient automated production line, achieving optimum production quality
- User-friendly one-button operation, automatic module ID assignment process
- Extensive range of certifications, including IEC62619, UN38.3, IEC62040-1, SAA, etc.
- Remote diagnosis and real-time data monitoring
- Simple stack design, saving time and costs

Datasheet	GTX3000-H4	GTX3000-H5	GTX3000-H6	GTX3000-H7	GTX3000-H8	GTX3000-H9	GTX3000-H10
Parameters							
Battery module quantity	4	5	6	7	8	9	10
Nominal voltage (V)	204.8	256	307.2	358.4	409.6	460.8	512
Max. charge voltage (V)	230.4	288	345.6	403.2	460.8	518.4	576
Min. discharge voltage (V)	182.4	228	273.6	319.2	364.8	410.4	456
Nominal energy (kWh)	10	12.5	15	17.5	20	22.5	25
Available energy (90% DOD) (kWh)	9	11.25	13.5	15.75	18	20.25	22.5
Dimension (mm)	515*480*770	515*480*895	515*480*1020	515*480*1145	515*480*1270	515*480*1395	515*480*1520
Weight (kg)	138	168	198	228	258	288	318
Protection class	IP65						
Cooling	Natural						
Nominal charging current (A)	25						
Max. continuous charging current (A)	30						
Nominal discharge current (A)	25						
Max. continuous discharge current (A)	30						
Rated charge/discharge power (KW)	5.12	6.4	7.68	8.96	10.24	11.52	12.8
Working temperature	-20°C~60°C (power derating below 8°C and above 40°C)						
Storage temperature	≤ 25°C: 12 months , ≤ 35°C: 6 months, ≤ 45°C: 3 months						
Environmental humidity	≤ 95%RH (no condensation)						
Operating altitude	≤ 2000 m						
Scale	Suggest no more than 4 parallel						
Certificates	UN38.3, IEC62619, IEC62040-1, SAA, etc.						
Cycle life	6000 @ 80% DOD / 25°C / 0.5C / 60% EOL						
Battery Module Parameters							
Battery type	LFP						
Nominal voltage (V)	51.2						
Nominal capacity (Ah)	50						
Weight (kg)	30						
Dimension (mm)	515*478.8*125						
Protection	IP65						

GTX3000-H4 / 3000-H5 / 3000-H6 / 3000-H7 / 3000-H8 / 3000-H9 / 3000-H10_EN_202206

Hybrid Solar System





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

Datasheet

GTX5000-PRO

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.

GTX5000-PRO_EN_202204

Hybrid Solar System

