



HV ENERGY STORAGE

GTX 3000-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	GTX 3000-H4	GTX 3000-H5	GTX 3000-H6	GTX 3000-H7	GTX 3000-H8	GTX 3000-H9	GTX 3000-H10
Parameters							
Battery module quantity	4	5	6	7	8	9	10
Rated 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
Rated 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
Cooling	Natural						
Rated charging current (A)	25						
Max. continuous charging current (A)	30						
Rated discharge current (A)	25						
Max. continuous discharge current (A)	30						
Rated charge/discharge power (W)	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	UN 38.3, IEC 62619, IEC 62040-1, SAA, etc.						
Cycle life	6000 @ 80% DOD / 25°C / 0.5C / 60% EOL						
Battery Module Parameters							
Battery type	LFP						
Rated voltage (V)	51.2						
Rated capacity (Ah)	50						
Weight (kg)	30						
Dimension (mm)	515*478.8*125						
Protection	IP65						

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Hybrid Solar System

