



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

Simple stack design, 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

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℃~60℃ (power derating below 8℃ and above 40℃)						
Storage temperature	≤ 25℃: 12 months , ≤ 35℃: 6 months, ≤ 45℃: 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℃ / 0.5C / 60% EOL						
Battery Module Parameters							
Battery type	LiFePO4, Lithium Iron Phosphate						
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_202204

HYBRID SOLAR SYSTEM



