

Energy Storage System

Titan-HV Series

GS-HV-3.74 GS-HV-7.48 GS-HV-11.23
GS-HV-14.97 GS-HV-18.7



Modular Design and
Easy Installation



Flexible
Installation



IP65 Rated



Plug and Play



Safe and
Cost-Effective



Suitable for Back-up
Systems

GS Energy Titan-HV series is a high voltage, scalable battery storage module. It offers a 3.74kWh model that can be expanded in series with up to 5 batteries with 18.7kWh capacity. Easy installation with plug and play.

TECHNICAL PARAMETERS

Model	GS-HV-3.74	GS-HV-7.48	GS-HV-11.23	GS-HV-14.97	GS-HV-18.7
Electrical Parameters					
Nominal Energy ^①	3.74kWh	7.48kWh	11.23kWh	14.97kWh	18.7kWh
Usable Energy (90% DOD)	3.36kWh	6.73kWh	10.1kWh	13.47kWh	16.83kWh
Nominal Voltage	96V	192V	288V	384V	480V
Voltage Range	81~108V	162~216V	243~324V	324~432V	405~540V
Maximum Charge / Discharge Current ^②	30A/30A				
Depth of Discharge	90%				
Cooling	Natural				
General					
Battery Technology	LiFePO4				
Dimensions (H*W*D)	606 x 651 x 217mm	932 x 651 x 217mm	1258 x 651 x 217mm	1584 x 651 x 217mm	1910 x 651 x 217mm
Weight	49.5Kg	86.8Kg	124.1Kg	161.4Kg	198.7Kg
Number of Battery Units	1	2	3	4	5
Enclosure	IP65				
Type of Installation	Floor Stand / Indoor or Outdoor				
Operating Temperature Range ^③	-10 °C ~ +50 °C				
Communication	CAN / RS485				
Cycle Life (90%DOD)	>6000 cycles				
Warranty ^④	10 Years				
Operating Altitude	≤ 2000m				
Certification					
Certificates	UN 38.3, EN / IEC 62619, IEC 62040				



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- ① Nominal Energy: Test conditions: 90%DOD, 0.5C charge & discharge at +25 °C.
- ② The recommended charging and discharging current is 20/30A.
- ③ Ambient temperature charging(0 ~ 40 °C), Discharging(-10 ~ +50 °C).
- ④ Conditions apply. Refer to GS ENERGY Warranty Policy.