

RESIDENTIAL BATTERY

HV Sun Series

High Voltage



APP Monitoring (build-in wifi)
Real-time monitoring
& Remote upgrade available



Self-adaption
Auto configuration



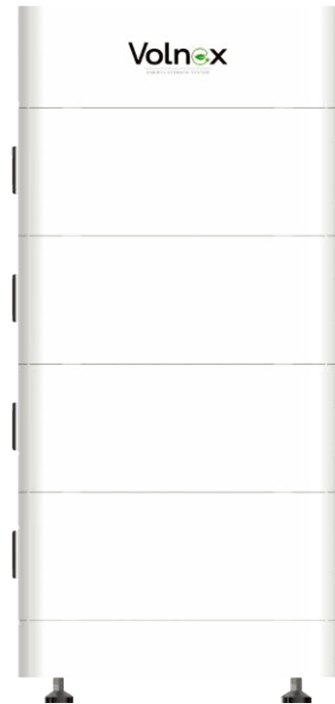
Easy Installation
Stackable design,
wireless connection



High Protection Level
Indoor &
outdoor installations



Wide Compatibility
Matching with
leading inverters



DATASHEET

Model	S7	S10	S14	S17	S21
Battery Module Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Battery Module Quantity	2	3	4	5	6
Nominal Energy	7.10 kWh	10.66 kWh	14.21 kWh	17.76 kWh	21.31 kWh
Usable Energy	6.745kWh	10.127kWh	13.499kWh	16.872kWh	20.245kWh
Operating Voltage	168~219V	252~328V	336~438V	420~547V	504~657V
Nominal Voltage	192V	288V	384V	480V	576V
Nominal Capacity	37Ah	37Ah	37Ah	37Ah	37Ah
Max. Continuous Charge/Discharge Power ^[1]	4.26 kW	6.39 kW	8.52 kW	10.65 kW	12.78 kW
Recommended Depth of Discharge (DOD)	95%	95%	95%	95%	95%
Dimensions [W*D*H]	504*380*700 mm	504*380*900 mm	504*380*1100 mm	504*380*1300 mm	504*380*1500 mm
Net Weight [kg]	105 kg	146 kg	187 kg	228 kg	269 kg
Charging Temperature Range	0~50°C				
Discharging Temperature Range	-10~50°C				
Communication	CAN/RS485				
Cycle life ^[2]	6000>@25°C				
Protection Level	IP54				
Color	White				
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit				
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion				
Battery Module Name	V-9637HV				
Expansion	Max. 12 towers can be connected in parallel				
Compatible Inverters	Kostal/Goodwe/Solis/Deye/Solplanet/Solinteg/Sunways/SAJ/Sinexcel/Hoymiles /Growatt/ATESS/Sineng etc.				

[1]Maximum Continuous Discharge/Charge Power when communicating with inverter is 0.6C

[2]Test conditions: 0.2C Charging& Discharging. @25 C, 95% DOD