



SIMPO HV

Residential ESS / Small C&I
Easy Stackable 120-657V
6.4kWh-230.4kWh

SIMPO HV								
Module Data	3.2kWh, 64V, 36kg							
SIMPO HV Modules	SIMPO HV 6.4	SIMPO HV 9.6	SIMPO HV 12.8	SIMPO HV 16.0	SIMPO HV 19.2	SIMPO HV 22.4	SIMPO HV 25.6	SIMPO HV 28.8
Module Quantity In Tower	2	3	4	5	6	7	8	9
Nominal Capacity (kWh)	6.4	9.6	12.8	16	19.2	22.4	25.6	28.8
Usable Capacity (kWh)	6.4	9.6	12.8	16	19.2	22.4	25.6	28.8
Rated DC Power (W)	3840	5760	7680	9600	11520	13440	15360	17280
Nominal Votage(V)	128	192	256	320	384	448	512	576
Operating Voltage Range(V)	102~148	153~222	204~296	255~370	306~444	357~518	408~592	459~666
Max Charge/Discharge Current(A)	30							
Peak Output(A)	45, 5s							
Depth Of Discharge	100%							
Weight(Kg)	92.5	128.9	165.3	201.7	238.1	274.5	310.9	347.3
Dimension_W(mm)	610							
Dimension_D(mm)	240							
Dimension_H (mm)	670	860	1050	1240	1430	1620	1810	2000
Round-trip Efficiency	≥96.0%							
Charging Temp Range(°C)	-8~50							
Discharging Temp Range(°C)	-20~50							
Operating Humidity	Up to 95% (Non-condensing)							
IP Rating	IP65							
Communication	CAN / Modbus RS485							
Altitude(m)	≤3000							
Warranty	10 Years 70% SOH Or 9.92MWh Energy Throughput							
Scalability(Parallel)	1~8 Towers							
Manufacture Country	China							
Certificate	UN38.3 / CE / IEC62619 / VDE2510-50							

16 Premium Benefits To Simplify Your Project



LFP Prismatic

Reliable chemistry for energy storage needs



IP65-Rated

Ideal for indoor and outdoor use with IP65 protection



Operation Voltage

120-700V Range



Parallel Connection

Connect up to 8 towers in parallel



Optimized Parallel Connection

Hot-Swappable towers for uninterrupted operation



Smart Start

No app needed, just one-click setup



Portal Monitoring

Real-Time access and control of your system



High C Rate

Maximizing performance with resilient power output



Smaller Floor Print

Compact and installation floor print reduced by 30%



One-Person Installation

Easy assembly with screwless module connection



Quick Connect

Plug-in terminals



Intelligent HMI

Features data display and black start capabilities



Min/Max System Size

6.4KWh-230.4KWh, for residential and C&I



Low Temperature Performance

Ensures optimal charging even at -10°C



Cybersecurity

Robust cybersecurity measures



Performance Warranty

10 years performance warranty