



SIMPO HV



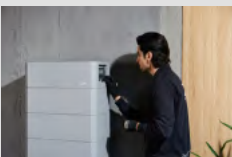
One-Person Installation
Easy Assembly With Screwless Module Connection



Charging At -10°C
Low Temperature Battery Technology



IP65-Rated
Ideal For Indoor And Outdoor Use With **IP65** Protection



Quick Connect
Plug-In Terminals

Engineered for robust energy storage, harnessing 17kW of peak power when seamlessly integrated with Kostal, redefining home energy efficiency

SIMPO HV offers enhanced energy storage capabilities, maximizing efficiency and reliability in managing household energy consumption. With robustness in energy storage capacity and a high C rate, it ensures optimal performance and longevity. Seamless integration with Kostal achieves peak power output, providing convenience and control.

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SIMPO HV

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

SIMPO HV								
Module Data	3.2kWh, 64V, 36kg							
Module Quantity In Tower	2	3	4	5	6	7	8	9
Usable Energy (kWh)	6.4	9.6	12.8	16	19.2	22.4	25.6	28.8
Nominal Votage (V)	128	192	256	320	384	448	512	576
Operating Voltage Range (V)	120~146	180~219	240~292	300~365	360~438	420~511	480~584	540~657
Max Continuous Current (A)	30							
Peak Output (A)	45, 5s							
Weight (Kg)	102	138	174	210	246	282	318	354
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)	-10~50							
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							
Scalability (Parallel)	1~8 Towers							
Certificate	UN38.3 / CE / IEC62619 / CEC / 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

KOSTAL GOODWE solis



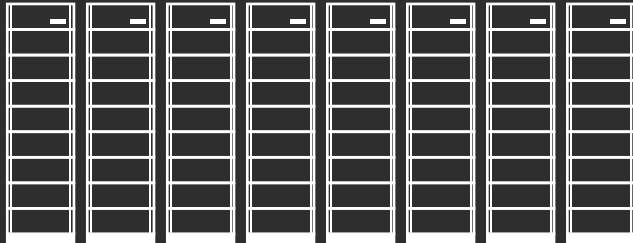
Minimum Configuration
for Entry-level Storage



6.4kWh



28.8kWh



C&I Ready
28.8kWh * 8=230.4kWh

Kostal Inverters Compatibility List								
	HV6.4	HV9.6	HV12.8	HV16	HV19.2	HV22.4	HV25.6	HV28.8
PLENTICORE G3 S-4.0	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE G3 S-5.5	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE G3 S-7.0	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE G3 M-8.5	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE G3 M-10	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE G3 M-12.5	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE G3 L-15	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE G3 L-17.5	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE G3 L-20	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE plus G2 3.0	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE plus G2 4.2	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE plus G2 5.5	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE plus G2 7.0	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE plus G2 8.5	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE plus G2 10	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE BI G2 5.5/26	✓	✓	✓	✓	✓	✓	✓	--
PLENTICORE BI G2 10/26	✓	✓	✓	✓	✓	✓	✓	--

Solis Inverters Compatibility List

	HV6.4	HV9.6	HV12.8	HV16	HV19.2	HV22.4	HV25.6	HV28.8
S6-EH3P(5-10)K2-H	✓	✓	✓	✓	✓	✓	✓	--
S6-EH3P(5-10)K-H-AU	✓	✓	✓	✓	✓	✓	✓	--
RH1-3P(5-10)K-HVES-5G	--	✓	✓	✓	✓	✓	✓	--
S6-EH3P(12-20)K2-H	✓	✓	✓	✓	✓	✓	✓	✓

Goodwe Inverters Compatibility List

	HV6.4	HV9.6	HV12.8	HV16	HV19.2	HV22.4	HV25.6	HV28.8
GW5K-ET	--	✓	✓	✓	✓	✓	✓	--
GW6.5K-ET	--	✓	✓	✓	✓	✓	✓	--
GW8K-ET	--	✓	✓	✓	✓	✓	✓	--
GW10K-ET	--	✓	✓	✓	✓	✓	✓	--
GW5KN-ET	--	✓	✓	✓	✓	✓	✓	--
GW6.5KN-ET	--	✓	✓	✓	✓	✓	✓	--
GW8KN-ET	--	✓	✓	✓	✓	✓	✓	--
GW10KN-ET	--	✓	✓	✓	✓	✓	✓	--
GW15K-ET	--	--	✓	✓	✓	✓	✓	✓
GW20K-ET	--	--	✓	✓	✓	✓	✓	✓
GW25K-ET	--	--	✓	✓	✓	✓	✓	✓
GW299K-ET	--	--	✓	✓	✓	✓	✓	✓
GW30K-ET	--	--	✓	✓	✓	✓	✓	✓
GW3600N-EH	✓	✓	✓	✓	✓	--	--	--
GW5000N-EH	✓	✓	✓	✓	✓	--	--	--
GW6000N-EH	✓	✓	✓	✓	✓	--	--	--
GW3600-EH	✓	✓	✓	✓	✓	--	--	--
GW5000-EH	✓	✓	✓	✓	✓	--	--	--
GW6000-EH	✓	✓	✓	✓	✓	--	--	--
GW3k-BH	✓	✓	✓	✓	✓	--	--	--
GW3600-BH	✓	✓	✓	✓	✓	--	--	--
GW5000-BH	✓	✓	✓	✓	✓	--	--	--
GW6000-BH	✓	✓	✓	✓	✓	--	--	--