

SIMPO HV Pro

88.7kWh Battery System

Up to 16 Systems in Parallel

Easy & Powerful C&I Solution



Specification of SIMPO HV Pro

Model Type	Module 8.064 (LFP)							
Battery Configuration	4	5	6	7	8	9	10	11
Product model	SIMPO HV Pro32.2	SIMPO HV Pro40.3	SIMPO HV Pro48.3	SIMPO HV Pro56.4	SIMPO HV Pro64.5	SIMPO HV Pro72.5	SIMPO HV Pro80.6	SIMPO HV Pro88.7
Nominal Energy (kWh)	32.2	40.3	48.3	56.4	64.5	72.5	80.6	88.7
Usable Capacity (kWh)	32.2	40.3	48.3	56.4	64.5	72.5	80.6	88.7
Rated DC Power (W)	32,256	40,320	48,384	56,448	64,512	72,576	80,640	88,704
Nominal Voltage (V)	307.2	384	460.8	537.6	614.4	691.2	768	844.8
Operationl Voltage (V)	268.8~350	336~438	403.2~526	470.4~613	537.6~704	605~788	672~876	739.2~936.6
Max Constant Current	105A (1C)							
Peak Current	150A (5s)							
Short Circuit Current	2000A							
Depth of Discharge	100%							
Weight (kg)	429	494	550	624	689	754	819	884
Dimension (module)	490mm*135mm*786mm (W*H*D)							
Protection Class	IP20*							
Charge Operating Temperature	0°C ~ 50°C							
Discharge Operating Temperature	-20°C ~ 50°C							
Operating Humidity	<95% (Non-Condensing)							
Altitude	≤ 2000m							
Efficiency	≥ 95%							
Communication	CAN / RS485 / Modbus TCP / IP							
Application	On Grid / Off-grid / Back up							
DC Parallel	1 ~ 16 Systems							
Certificates	IEC62619 / IEC62040 / UN38.3 / CE / VDE2510-50							
Warranty	10 Years 60% SOH or 3.0MWh Energy Throughput							
Manufacture Country	China							

* IP20 for Indoor us only.



SIMPO HV Pro system models are IP20, so they must be used indoors with indoor racks. The outdoor use of the system is not available to be installed. For more details, please contact the manufacturer.

Specification of Cabinet	
General Data	Indoor Rack
Cabinet Weight (kg)	154
Dimension (W*H*D)	600mm*2092mm*809mm
Protection Class	IP20
Cooling	Natural Cooling
Manufacture Country	China