



Energizer. Solar

# Powerstack HV Stackable Battery

4.0kWh

EUROPEAN VERSION



The Energizer. Solar Powerstack is a high-performance, scalable battery storage system. The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications.

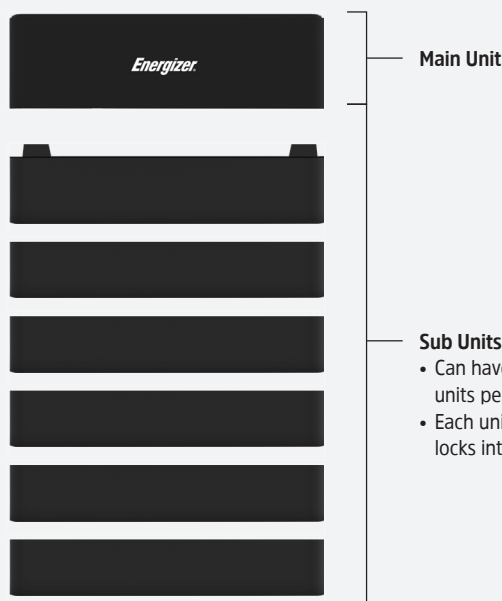
Up to 6 batteries can be installed in series, allowing for a maximum storage capacity of 28.21kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.

## High Voltage Stackable Battery System

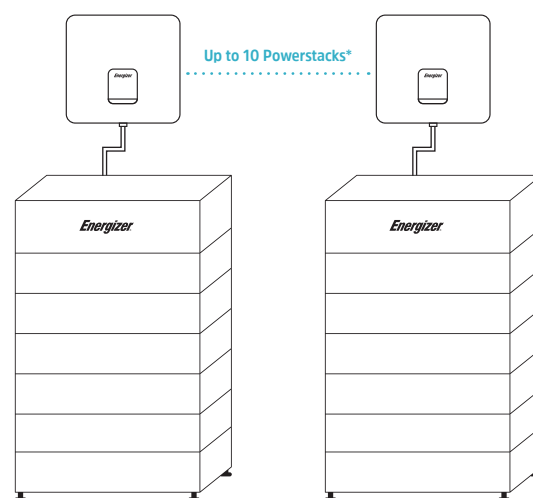
- 4.03 kWh Nominal Capacity
- Scalable to 28.21 kWh
- 90% Depth of Discharge
- Wide Temperature Tolerance
- Easy Installation
- CAN / RS485 Communication
- 10 Year Warranty

 [hello@energizersolar.com](mailto:hello@energizersolar.com) [energizersolar.com](https://energizersolar.com)Expandable  
StorageHigh  
PerformanceIP65  
RatedRemote  
Monitoring

ELECTRICAL CHARACTERISTICS	PS4000H-2	PS4000H-3	PS4000H-4	PS4000H-5	PS4000H-6	PS4000H-7
Battery Type	LiFePO4 Prismatic Cell					
Battery Modules	1 x PS4000H-M 1 x PS4000H-S	1 x PS4000H-M 2 x PS4000H-S	1 x PS4000H-M 3 x PS4000H-S	1 x PS4000H-M 4 x PS4000H-S	1 x PS4000H-M 5 x PS4000H-S	1 x PS4000H-M 6 x PS4000H-S
Nominal Capacity [Wh]	8060	12090	16120	20150	24180	28210
Nominal Voltage [V]	115.2	172.8	230.4	288.0	345.6	403.2
Operating Voltage [V]	97.2 - 131.4	145.8 - 197.1	194.4 - 262.8	243 - 328.5	291.6 - 294.2	340.2 - 459.9
Recommend Discharge Current [A]	35					
Max. Charge / Discharge Current [A]	50					
Peak Discharge Current [A]	65A @30sec					
Round-trip Efficiency	>95%					
Depth of Discharge	90%					
Cycle Life	>6000					
Communication	CAN, RS485					
Display	PSH-M: LED, PSH-S: LED					
Scalability	Hybrid HS minimum 2. Modules / Hybrid HT minimum 4 modules / Max 7 modules					
OPERATING CONDITIONS	PS4000H-2	PS4000H-3	PS4000H-4	PS4000H-5	PS4000H-6	PS4000H-7
Installation Location	Outdoor / Indoor [Stand]					
Operating Temperatures (°C / °F)	Charge: 0 to 55°C / Discharge : -10 to 55°C					
Storage Temperatures (°C / °F)	-20 to 55°C					
Cooling Method	Natural Convection					
Humidity	5% - 95% (Non-condensing)					
Altitude	Max. 2,000					
MECHANICAL CHARACTERISTICS	PS4000H-2	PS4000H-3	PS4000H-4	PS4000H-5	PS4000H-6	PS4000H-7
Dimensions [W x H x D] [mm]	570x350x380	570x470x380	570x590x380	570x710x380	570x830x380	570x950x380
Dimensions [W x H x D] [inch]	22.4x13.8x15.0	22.4x18.5x15.0	22.4x23.2x15.0	22.4x28.0x15.0	22.4x32.7x15.0	22.4x37.4x15.0
Weight - Main / Sub [kg]	38.3 / 36.0	38.3 / 72.0	38.3 / 108.0	38.3 / 144.0	38.3 / 180.0	38.3 / 216.0
Total Weight [kg]	74.3	110.3	146.3	182.3	218.3	254.3
CERTIFICATES	PS4000H-2	PS4000H-3	PS4000H-4	PS4000H-5	PS4000H-6	PS4000H-7
Safety	IEC 62619					
Transportation	UN38.3					
Ingress Protection	IP65					
Certificate	G98 / VDE-AR-N 4105 / G99 / EN50438 / CEI 0-21 / VDE 2510 / NRS097-2-1					
WARRANTY	PS4000H-2	PS4000H-3	PS4000H-4	PS4000H-5	PS4000H-6	PS4000H-7
Standard Warranty	10 years					



### MULTIPLE ENERGIZER SOLAR POWERSTACKS



**Multiple Energizer Solar Powerstack's can be linked together for a greater kWh range.**

\*Only applies for Three Phase Hybrid Series Inverters