



Energizer® Solar

4.0kWh

EUROPEAN VERSION



Powerstack HV Stackable Battery

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 energizersolar.com

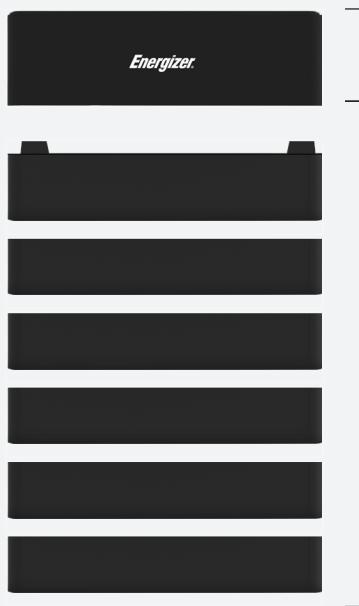
Expandable Storage

High Performance

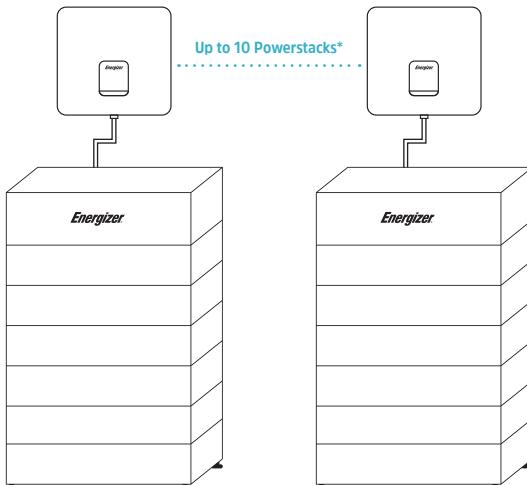
IP65 Rated

Remote 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