



Energizer® Solar

4.8kWh

AUSTRALIAN VERSION 

# EnergiStack HV Stackable Battery

The Energizer Solar EnergiStack 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 33.24kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.

## High Voltage Stackable Battery System

- **4.74 kWh Nominal Capacity**
- **Scalable to 33.24 kWh**
- **90% Depth of Discharge**
- **Wide Temperature Tolerance**
- **Easy Installation**
- **CAN / RS485 Communication**
- **10 Year Warranty**



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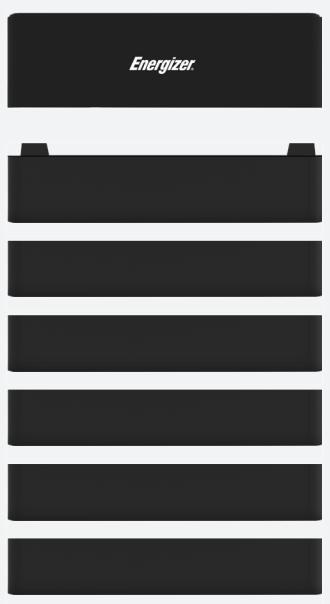
 Expandable Storage

 High Performance

 IP65 Rated

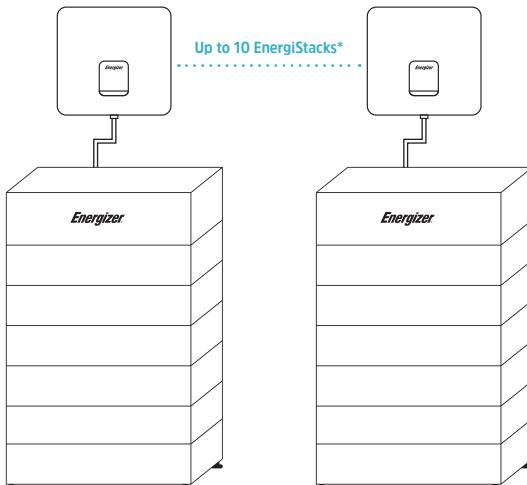
 Remote Monitoring

ELECTRICAL CHARACTERISTICS	PS4800H-2	PS4800H-3	PS4800H-4	PS4800H-5	PS4800H-6	PS4800H-7
Battery Type						LiFePO4 Prismatic Cell
Battery Modules	1 x PS4800H-M 1 x PS4800H-S	1 x PS4800H-M 2 x PS4800H-S	1 x PS4800H-M 3 x PS4800H-S	1 x PS4800H-M 4 x PS4800H-S	1 x PS4800H-M 5 x PS4800H-S	1 x PS4800H-M 6 x PS4800H-S
Nominal Capacity [Wh]	9320/9490 (1/3C)	13980/14240 (1/3C)	18640/18990 (1/3C)	23300/23740 (1/3C)	27960/28490 (1/3C)	32610/33240 (1/3C)
Nominal Voltage [V]	89.6	134.4	179.2	224.0	268.8	313.6
Operating Voltage [V]	81.2 - 103	121.8 - 154.5	162.4 - 206	203 - 257.6	243.6 - 309.1	284.2 - 360.6
Recommend Discharge Current [A]				25		
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	PS4800H-2	PS4800H-3	PS4800H-4	PS4800H-5	PS4800H-6	PS4800H-7
Installation Location				Outdoor / Indoor [Stand]		
Operating Temperatures (°C / °F)				-10 to 55°C / 14 to 131°F		
Storage Temperatures (°C / °F)				-10 to 35°C / 14 to 95°F		
Cooling Method				Natural Convection		
Humidity				5% to 95% (Non-condensing)		
Altitude				Max. 2,000		
MECHANICAL CHARACTERISTICS	PS4800H-2	PS4800H-3	PS4800H-4	PS4800H-5	PS4800H-6	PS4800H-7
Dimensions [W x H x D] [mm]	570x386x380	570x524x380	570x662x380	570x800x380	570x938x380	570x1076x380
Dimensions [W x H x D] [inch]	22.4x15.2x15.0	22.4x20.6x15.0	22.4x26.0x15.0	22.4x31.5x15.0	22.4x36.9x15.0	22.4x42.4x15.0
Weight - Main / Sub [kg]	42.5 / 39.5	42.5 / 79.0	42.5 / 118.5	42.5 / 158.0	42.5 / 197.5	42.5 / 237.0
Total Weight [kg]	82.0	121.5	161.0	200.5	240.0	279.5
CERTIFICATES	PS4800H-2	PS4800H-3	PS4800H-4	PS4800H-5	PS4800H-6	PS4800H-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	PS4800H-2	PS4800H-3	PS4800H-4	PS4800H-5	PS4800H-6	PS4800H-7
Standard Warranty				10 years		


**Main Unit**

- Can have up to 6 Sub units per stack.
- Each unit seamlessly locks into place.

### MULTIPLE ENERGIZER® SOLAR ENERGISTACK



Multiple Energizer® Solar EnergiStacks can be linked together for a greater kWh range.

\*Only applies for Three Phase Hybrid Series inverters