



Solis Energy Storage Inverters

Battery Matching Compatibility List





Solis Single Phase **High Voltage** Energy Storage Inverters

Models:

S6-EH1P(3.8-11.4)K-H-US

3.8-11.4K





Battery Brand	Battery Model	Min. Capacity	Max. Capacity	Max. Parallel	Interoperability Test	UL9540 Ed. 2 Certification
Fortress Power	Avalon HV	14.7 kWh (3modules)	29.4 kWh (6 modules)	<2	Complete	Complete
BYD	Premium HVL	12 kWh (3 modules)	32 kWh (8 modules)	≤ 2	Complete	Complete
Dyness	Dyness Tower	7.10 kWh (1 rack)	42.6 kWh (6 modules)	≤ 4	Complete	Complete
Pylontech	Force H1	10.65 kWh (3modules)	24.85 kWh (7modules)	/	Complete	Complete
Soluna	15K Pack HV	6 kWh (1 rack)	6 kWh (1 rack)			
		10 kWh (1 rack)	10 kWh (1 rack)	≤ 10	Complete	Complete
		15 kWh (1 rack)	15 kWh (1 rack)			
LG Energy Solutions Gen 3	RESU Prime 10H	10 kWh (1 rack)	10 kWh (1 rack)			
	RESU Prime 16H	16 kWh (1 rack)	16 kWh (1 rack)	≤ 2	Complete	Complete
LG Energy Solutions Gen 4	Enblock S10	10.6 kWh (1 rack)	10.6 kWh (1 rack)			
	Enblock S14	14.1 kWh (1 rack)	14.1 kWh (1 rack)	≤ 2	Complete	Complete
	Enblock S17	17.7 kWh (1 rack)	17.7 kWh (1 rack)			
HomeGrid	HV Stack'D Series	14.4 kWh (3 modules)	33.6 kWh (8 modules)	≤ 15	Complete	Complete
Goldenmate	Apollo-HV	6 kWh (2 modules)	/	≤ 7	Complete	Complete
Pytes	HV48100	26 kWh (5 modules)	35.84 kWh (13modules)	≤ 3	Complete	Complete
EndurEnergy	ESP-5K-HL	15 kWh (3 modules)	35 kWh (16 modules)	≤ 8	Complete	Pending

- Details correct at time of going to press.
- Batteries to be purchased separately.
- Installing a non-compatible battery will VOID the inverter warranty.



Disclaimer: The compatibility of specific battery models with Solis energy storage inverters varies across different markets. To confirm whether a battery model is compatible with Solis inverters in your market, please reach out to the Solis product and technical team in your specific country or market. Installing

Solis inverters with non-compatible battery systems may result in serious damage. Solis is not responsible for any damages and/or losses incurred due to the installation or operation of Solis inverters with non-compatible battery models.



Solis Split Phase Low Voltage Energy Storage Inverters

Models:

S6-EH2P(9.6-16)K03-SV-YD-L-US

9.6-16K





Battery Brand	Battery Model	Min. Capacity	Max. Capacity	Max. Parallel	Interoperability Test	UL9540 Listing*	Link to Datasheet
Briggs & Stratton Energy Solutions	SimpliPHI 6.6	6.6 kWh	20 kWh	Up to 3	Q1 2026	DC ESS Ed. 3 Complete	Link
Discover Energy Systems	AES Rackmount 48-48-5120	5.12 kWh	30 kWh	Up to 6	Complete	DC ESS Ed. 3 Complete	Link
	AES Rackmount 48-48-5120-H	5.12 kWh	30 kWh	Up to 6			Link
	HELIOS ESS 16.1kWh	16 kWh	48 kWh	Up to 3			Link
HomeGrid	HomeGrid LV Stack'd Series	200 Ah	800 Ah	Up to 15	Q1 2026	DC ESS Ed. 3 Q1 2026	Link
Pylontech	Pelio	5.12 kWh	20.48 kWh	Up to 4	10/30/2025	DC ESS Ed. 3 Complete	Link
	Force H3	10.24 kWh	35.84 kWh	Up to 6			
	US5000	4.56 kWh	76.8 kWh	Up to 6			
Pytes	V16	30.72 kWh	491.52 kWh	Up to 96	Complete	DC ESS Ed. 3 Q1 2026	Link
	V5a	20.48 kWh	491.52 kWh	Up to 96			
	V10	29.94 kWh	479.04 kWh	Up to 48			
Renon Power	Xcellent Plus	16 kWh	16 kWh	Up to 15	Complete	DC ESS Ed. 3 Dec. 2025	Link
	Xtreme LV 1.0	5.12 kWh	614.4 kWh	Up to 15			
	EBrick	5.12 kWh	158.72 kWh	Up to 31			
Soluna	EOS 5K Pack	5.12 kWh	5.12 kWh	Up to 30	Complete	Not Being Done	Link
	BES 5K Pack	5.12 kWh	5.12 kWh	Up to 30			
	10K Pack LV	10.24 kWh	10.24 kWh	Up to 30			
	16K Pack LV	10.24 kWh	10.24 kWh	Up to 30			

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- Batteries to be purchased separately.

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* The 3rd Edition of UL9540 updated the listing standard and, as long as the accompanying inverter is UL1741, requires no new testing or certification. This is a new edition and may not be accepted in different regions. It is best to check with the AHJ in which you are installing to ensure the accompanying listing is valid and accepted. Edition 2 is the standard system-level certification.

Battery capacity installed must be of the same brand and cannot be mix and matched.



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Solis Three Phase High Voltage Energy Storage Inverters

Models:

S6-EH3P(30-60)K-NV-YD-H-US

30-60K





Battery Brand	Battery Model	Min. Capacity	Max. Capacity	Max. Parallel	Interoperability Test	UL9540 Listing*	Link to Datasheet
Discover Energy Solutions	AES 210HV	209 kWh	5,000 kWh	N/A	Complete	DC ESS Ed.3 Complete	Link
Novele	EnergyBoard	15 kWh	25 kWh	1 unit	Complete	DC ESS Ed. 3 Complete	Link
Pylontech	A100-HY A300-HY	104 kWh 313 kWh	104 kWh 313 kWh	5 units	Complete	DC ESS Ed. 3 Complete	/
Renon Power	Ecube 60AP	60 kWh	60 kWh	10 units	11/15/2025	DC ESS Ed. 3 11/30/25	Link
Briggs & Stratton	PHI High-Voltage	16 kWh	2,000 kWh	N/A	Q1 2026	DC ESS Ed. 3 Q1 2026	Link
Pytes	HV48100 SE	25.6 kWh	76.8 kWh	2 units	Complete	DC ESS Ed. 3 Q1 2026	Link
Lithion	Gridbox 3 (Gb3)	200 kWh	2,000 kWh	N/A	Q1 2026	DC ESS Ed. 3 Q1 2026	Link
Soluna	10K Pack HV	10 kWh	1,500 kWh	100 units	Complete	DC ESS Ed. 3 Q1 2026	Link
	15K Pack HV	15 kWh	1,500 kWh	100 units			
	Power Cell	60 kWh	150 kWh	5 units			

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Battery capacity installed must be of the same brand and cannot be mix and matched.



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