List of Compatible Inverters
with LG Energy Solution Home Battery

Prime

10H Prime
16H Prime

LG Energy Solution

Compatible storage Inverters with Prime

All installations require a compatible inverter. Using a non-approved inverter will void the warranty provided by LG Energy Solution. See below important instructions when installing and using Prime.

Following list of Inverters are currently compatible with LG Energy Solution home battery, Prime Series. And, Complied with UL1741 and UL9540.

※System (battery and inverter) is UL9540 compliant when the battery is paired with a UL1741 compliant inverter.

[US]

※ More compatible inverters will be added.

Brand	Model	Software Version [1]	10H Prime	16H Prime	REMARK
solaredge	SE3000H-US SE3800H-US SE6000H-US SE7600H-US SE10000H-US SE11400H-US	4.13 or above	○	○	- SolarEdge HomeHub Inverter (Backup Capable with SolarEdge Backup Interface)
SMA	SBS3.8-US SBS5.0-US SBS6.0-US	3.12.23.R or above		○	- Can use in Back-up Mode - Multi-battery operation mode is available - Battery software package version : 23.12.0.R or above - In case of blackout the battery must not manually be switched off and on via the breaker since this will hinder the blackstart ability of the system. Only use the secure power supply /blackstart switch of the inverter
GOODWE	GW5000A-ES GW6000A-ES GW7000A-ES GW7600A-ES GW8600A-ES GW9600A-ES	DSP 05, ARM 20 or above	○	○	
	GW5000A-BP GW6000A-BP GW7000A-BP GW7600A-BP GW8600A-BP GW9600A-BP	DSP 05, ARM 20 or above	○	O	

1) Only compatible with the software versions which are mentioned above.

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Following list of Inverters are currently compatible with LG Energy Solution home battery, Prime Series. And, Complied with UL1741 and UL9540.

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[US]

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INVERTER			BATTERY		REMARK
Brand	**Model**	**Software Version** [1]	**10H Prime**	**16H Prime**	
GOODWE	GW5000SBP-US20 GW6000SBP-US20 GW7600SBP-US20 GW9600SBP-US20 GW11400SBP-US20	DSP 02, ARM 05 or above	○	○	
GROWATT	MIN 3000TL-XH-US MIN 3800TL-XH-US MIN 5000TL-XH-US MIN 6000TL-XH-US MIN 7600TL-XH-US MIN 8200TL-XH-US MIN 9000TL-XH-US MIN 10000TL-XH-US MIN 11400TL-XH-US	UEaa-05/ZAca-05 UEaa-21/ZAca-21	○	○	- Can use in Back-up Mode
GE	GEH5.0-1U-US10 GEH6.0-1U-US10 GEH7.0-1U-US10 GEH7.6-1U-US10 GEH8.6-1U-US10 GEH9.6-1U-US10	DSP 05, ARM 20 or above	○	○	
	GEC5.0-1U-US10 GEC6.0-1U-US10 GEC7.0-1U-US10 GEC7.6-1U-US10 GEC8.6-1U-US10 GEC9.6-1U-US10	DSP 05, ARM 20 or above	○	○	

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Following list of Inverters are currently compatible with LG Energy Solution home battery, Prime Series.

[EU]

※ More compatible inverters will be added.

INVERTER			BATTERY		REMARK
Brand	**Model**	**Software Version** [1]	**10H Prime**	**16H Prime**	
solaredge	SE2200H SE3000H SE3500H SE3680H SE4000H SE5000H SE6000H SE8000H SE10000H	4.13 or above	○	○	- Requires Storage Interface (SESTI-S4) - Part number with O4 at the end includes storage interface (ex. SEXXXH-RWS00BNO4)
SMA	SBS3.7 SBS5.0 SBS6.0	3.12.23.R or above	○	○	- Can use in Back-up Mode - Multi-battery operation mode is available - Battery software package version : 23.12.0.R or above - In case of blackout the battery must not manually be switched off and on via the breaker since this will hinder the blackstart ability of the system. Only use the secure power supply /blackstart switch of the inverter
solis	Solis S6-EH3P(5-10)K-H-EU	V02B38D01	○		- 3Phase Box of LG Energy Solution must be installed together with the PRIME for 3ph inverters

1) Only compatible with the software versions which are mentioned above.

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