

**List of Compatible Inverters
with LG Energy Solution Home Battery**

RESU

RESU7H
RESU10H

Compatible storage Inverters with RESU HV






All RESU 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 RESU HV.

- 1) Battery/Hybrid inverters should operate in **On-Grid only**. (Not in Off-Grid)
- 2) For On-Grid applications where Back-up mode may be sometimes utilized, the backed up circuits and inverters AC draw must not exceed the battery current limit specifications.

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

[US]

※ More compatible inverters will be added.

INVERTER			BATTERY		REMARK
Brand	Model	Software Version*	RESU10H		
			Type C	Type R	
	Sunny Boy Storage 3.8 – US Sunny Boy Storage 5.0 – US Sunny Boy Storage 6.0 – US	1.50.14.R or above	○		- Can use in Back-up Mode - SPS(Secure Power Supply) mode is supported
	SE7600A-USS2 / SE3800A-USS2 (US)	3.24.68 or above		○	- Can use in Back-up Mode - RESU10H can be expanded up to 2 units
	SE3000H-US ~ SE7600H-US with Backup Interface (BUI)	4.13.40 or above		○	
	SUN2000-3.8KTL-USL0 (NA) SUN2000-5KTL-USL0 (NA)	V100R001C10SPC107 or above		○	- Can use in Back-up Mode only with PV in operation under rated power - In case of RESU10H, Charge/Discharge Power is limited to 3.5kW
	SUN2000-7.6KTL-USL0 (NA) SUN2000-9KTL-USL0 (NA) SUN2000-10KTL-USL0 (NA) SUN2000-11.4KTL-USL0 (NA)				- Can use in Back-up Mode only with PV in operation under rated power

* 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, RESU HV Series.

[EU/AU]

※ More compatible inverters will be added.

INVERTER			BATTERY				REMARK
Brand	Model	Software Version*	RESU7H		RESU10H		
			Type C	Type R	Type C	Type R	
	Sunny Boy Storage 2.5	2.04.24.R or above	○		○		- Cannot use in Back-up Mode
	Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0	1.50.14.R or above	○		○		- Can use in Back-up Mode - SPS(Secure Power Supply) mode is supported
	SE5000-RWS / SE6000-RWS (EU)	3.24.68 or above		○			- Can use in Back-up Mode
	SE5000-RWS2 / SE6000-RWS2 (EU)					○	- RESU10H can be expanded up to 2 units
SE5000-AUS2 / SE6000-AUS2 (AU)			○		○		
SE2000H ~ SE10000H with SESTI-S4			○		○	- Can use in AC coupled - Cannot use in Back-up Mode	
	Symo Hybrid 3.0-3-S Symo Hybrid 4.0-3-S Symo Hybrid 5.0-3-S	1.11.3-2 or above		○		○	- Cannot use in Back-up Mode
	SUN2000- 2KTL-L1 (EU/AU) SUN2000- 3KTL-L1 (EU/AU) SUN2000- 3.68KTL-L1 (EU/AU) SUN2000- 4KTL-L1 (EU/AU) SUN2000- 4.6KTL-L1 (EU/AU) SUN2000- 5KTL-L1 (EU/AU)	V100R001C00SPC329 or above		○		○	- In case of RESU10H, Charge/Discharge Power is limited to 3.5kW
	RHI-1P5K-HVES-5G RHI-1P6K-HVES-5G RHI-1P7K-HVES-5G RHI-1P7.6K-HVES-5G RHI-1P8K-HVES-5G RHI-1P9K-HVES-5G RHI-1P10K-HVES-5G	V040006				○	- Can use in Back-up Mode *Exclusively, can use in Off-Grid with PV connected
	SH5.0RT SH6.0RT SH8.0RT SH10RT	ARM_SAPPHIRE-H_V11_V01_A MDSP_SAPPHIRE-H_V11_V01_A or above		○		○	- Can use in Back-up Mode
	MIN 2500TL-XH MIN 3000TL-XH MIN 3600TL-XH MIN 4200TL-XH MIN 4600TL-XH MIN 5000TL-XH MIN 6000TL-XH	ALAA0501 ZAbc0001				○	- Cannot use in Back-up Mode

* Only compatible with the software versions which are mentioned above.



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