

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.

※ 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
	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
	SE5000-RWS / SE6000-RWS (EU) SE7600A-USS2 / SE3800A-USS2 (US) SE5000-RWS2 / SE6000-RWS2 (EU) SE5000-AUS2 / SE6000-AUS2 (AU) SE2000H ~ SE10000H with SESTI-S4	3.2468 or above		○		○	- Can use in Back-up Mode - RESU10H can be expanded up to 2 units
	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
	SUN2000L- 2KTL (EU/AU) SUN2000L- 3KTL (EU/AU) SUN2000L- 3.68KTL (EU/AU) SUN2000L- 4KTL (EU/AU) SUN2000L- 4.6KTL (EU/AU) SUN2000L- 5KTL (EU/AU)	V100R001C00SPC329 or above		○		○	- In case of RESU10H, Charge/Discharge Power is limited to 3.5kW
	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.




# 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.

※ More compatible inverters will be added.

INVERTER			BATTERY				REMARK
Brand	Model	Software Version*	RESU7H		RESU10H		
			Type C	Type R	Type C	Type R	
	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				0	- 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		0		0	- 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				0	- Cannot use in Back-up Mode

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



Tower1, 108, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea. 07335  
TEL : (82) 2-3773-1114 FAX : (82) 2-3773-7005  
<http://www.lghomebattery.com> <http://www.lgensol.com>