

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

**RESU**

RESU6.5  
RESU10  
RESU12  
RESU13

# Compatible storage Inverters with RESU LV

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 LV.

- 1) Battery inverters should operate in On-Grid only. (Not in Off-Grid, except as noted below)
- 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 LV Series.

※ More compatible inverters will be added.

INVERTER			BATTERY				REMARK
Brand	Model	Software Version*	RESU6.5 (4.2kW)	RESU10 (5kW)	RESU12 (5kW)	RESU13 (5kW)	
	LGES-5048 LGES-5048-NS	All software version	○	○	○	○	*Can use in Back-up Mode under the condition 2) above
	GW3000-ES-20 GW3600-ES-20 GW3600M-ES-20 GW5000-ES-20 GW5000M-ES-20 GW6000-ES-20 GW6000M-ES-20	DSP : 04 or above ARM : 05 or above	○	○	○		*Can use in Back-up Mode under the condition 2) above
	GW5048D-ES	FW : 15158	○	○	○	○	
	GW3048-EM GW5048-EM	FW : 06068	○	○	○	○	
	GW3600S-BP GW5000S-BP	FW : 05058	○	○	○	○	
	SH5K SH5K+	SH5K_V11_V1_A SH5K-V13_FW_V13	○	○	○		*Can use in Back-up Mode under the condition 2) above
	SH3K6 SH4K6 SH5K-20 SH5K-30	SH3K6-V11_FW_V28 SH4K6-V11_FW_V28 SH5K-20_FW_V57 SH5K-30_V01_V006	○	○	○	○	
	S5-EH1P3K-L S5-EH1P3.6K-L S5-EH1P4.6K-L S5-EH1P5K-L S5-EH1P6K-L	320020	○	○	○	○	*Can use in Back-up Mode under the condition 2) above
	RHI-3K-48ES-5G RHI-3.6K-48ES-5G RHI-4.6K-48ES-5G RHI-5K-48ES-5G RHI-6K-48ES-5G	320020	○	○	○	○	*Can use in Back-up Mode under the condition 2) above
	S6-EH1P3K-L-PRO S6-EH1P3.6K-L-PRO S6-EH1P5K-L-PRO S6-EH1P6K-L-PRO S6-EH1P8K-L-PRO	V0B03	○	○	○		
	S6-EH1P3K-L-PLUS S6-EH1P3.6K-L-PLUS S6-EH1P5K-L-PLUS S6-EH1P6K-L-PLUS S6-EH1P8K-L-PLUS	V0B03	○	○	○		

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

\* All inverters matched with RESU LV are compatible with parallel box.



# Compatible storage Inverters with RESU LV

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 LV.

- 1) Battery inverters should operate in On-Grid only. (Not in Off-Grid, except as noted below)
- 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 LV Series.

※ More compatible inverters will be added.

INVERTER			BATTERY				REMARK
Brand	Model	Software Version*	RESU6.5 (4.2kW)	RESU10 (5kW)	RESU12 (5kW)	RESU13 (5kW)	
	SPMC480-AU SPMC481-AU SPMC482-AU	SP Link : 11.15.7006 / 15.0.8139.29909	○	○	○	○	*Exclusively, can use in Off-Grid *For all enblock C models, adding in parallel increases capacity, but does not increase available current beyond 5kW continuous.
	Sunny Island 3.0	3.110	○	○			*Can be used in Back-up Mode under the condition 2) above, exclusively for C10, C12, and C13. C6.5 cannot be used in back-up mode.
	Sunny Island 4.4M	3.00.03.R	○	○	○	○	
	Sunny Island 6.0H	3.00.03.R	○	○	○	○	

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

\* All inverters matched with RESU LV are compatible with parallel box.



*Aaron Lee*

Aaron Lee GM Residential  
23rd September, 2024

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