

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)	
 LG Energy Solution	LGES-5048	All software version	○	○	○	○	*Can use in Back-up Mode under the condition 2) above
 Smart Energy Innovator	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	○	○	○	○	
 Clean power for all	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	○	○	○	○	
 锦浪科技 	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

* Only compatible with the software versions which are mentioned above.
* All inverters matched with RESU LV are compatible with parallel box.

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	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	○	○	○	○	

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



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