RESU

List of Compatible Inverters
with LG Energy Solution Home Battery

RESU6.5
RESU10
RESU12
RESU13

LG Energy Solution

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	O	O	O	O	*Can use in Back-up Mode under the condition 2) above
GOODWE	ES-G2 6.0-1LU-20	DSP : 04 or above ARM : 05 or above	O	O	O		*Can use in Back-up Mode under the condition 2) above
	GW5048D-ES	FW : 15158	O	O	O	O	
	GW3048-EM GW5048-EM	FW : 06068	O	O	O	O	
	GW3600S-BP GW5000S-BP	FW : 05058	O	O	O	O	
SUNGROW	SH5K SH5K+	SH5K_V11_V1_A SH5K-V13_FW_V13	O	O	O		*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	O	O	O	O	
SMA	Sunny Island 3.0	3.110	O	O			*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	O	O	O	O	
	Sunny Island 6.0H	3.00.03.R	O	O	O	O	
SELECTRONIC	SPMC480-AU SPMC481-AU SPMC482-AU	SP Link : 11.15.7006 / 15.0.8139.29909	O	O	O	O	*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.
solis	S5-EH1P3K-L S5-EH1P3.6K-L S5-EH1P4.6K-L S5-EH1P5K-L S5-EH1P6K-L	320020	O	O	O	O	*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	O	O	O	O	*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.