

Innovation
for a Better Life



CHANGE YOUR ENERGY CHARGE YOUR LIFE



RESU



LG Chem RESU & SMA Solution: Home Solar + Storage Solution

- Designed for existing solar installations and new solar+storage installations
- Maximizes PV self-consumption versus feed-in
- Provides back up power with option to scale energy capacity



LG Chem RESU Products Compatible with SMA



Model		RESU7H Type-C	RESU10H Type-C
Total Energy [kWh] ¹⁾		7.0	9.8
Useable Energy [kWh] ²⁾		6.6	9.3
Voltage Range [V]	Charge	400-450V DC	
	Discharge	350-430V DC	
Max. Continuous Power [kW]		3.5	5.0
Dimensions [W x H x D] / Weight		744 x 907 x 206mm / 87kg	744 x 907 x 206mm / 97kg

1) Battery Total Energy is measured at the initial stage of battery life under the condition as follows : Temperature 25°C

2) Battery Usable Energy is based on battery cell only and lower values are expected with conversion losses to AC property use

Key Features of LG Chem RESU and SMA Combination:

LG Chem

- Compact Size & Easy Installation
- Diverse Battery Capacity Options
- Proven Li-ion Battery Technology of LG Chem

SMA

- Full Home Backup
- Ideal for Grid-connected Systems
- Multi-battery: Up to Three RESU7H/10H with One Inverter
- The Integrated Service Package "SMA Smart Connected" for Automated Monitoring of Battery Inverters

SMA Products Compatible with LG Chem RESU



Inverter Model	SBS2.5	SBS3.7	SBS5.0	SBS6.0
Nominal AC Output Power [kW]	2.5	3.7	5.0	6.0
Max. Charge / Discharge Current [A]	11	30	30	30
Nominal AC Voltage	220V / 230V (50Hz / 60Hz)			
Dimensions [W x H x D] / Weight	450 x 357x 122mm / 9kg	535 x 730 x 198mm / 26kg		
Ability to Charge from Existing Solar System	Yes			
Multi-battery Ability	No	Yes		
Secure Power Supply (SPS) / Full Home Backup ¹⁾	No	Yes		

1) Optional with an additional "Automatic Backup Unit"

Data above is accurate at time of publishing, please refer to battery and inverter websites below for most recent and full specifications.

LG Chem: www.lgesspartner.com / SMA: www.sma.de