

Innovation
for a Better Life



CHANGE YOUR ENERGY CHARGE YOUR LIFE



RESU



solar^{edge} LG Chem RESU & SolarEdge Solution: Home Solar + Storage Solution

- More Energy with a DC Coupled architecture that stores PV power directly to the battery
- Smart energy management for maximizing PV self-consumption
- Designed for existing and new solar installations

solar^{edge}



LG Chem

LG Chem RESU Product Compatible with SolarEdge (EU)



Models		RESU7H Type-R	RESU10H Type-R
Total Energy [kWh]		7.0	9.8
Useable Energy [kWh]		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 692 x 206mm / 75kg	744 x 907 x 206mm / 97kg
Expandable Storage		No	

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 SolarEdge Combination

LG Chem

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

SolarEdge

- Simple Design and Installation
- Enhanced Safety
- StorEdge Interface Connects the Battery to the Inverter
- Full visibility with the Monitoring Platform

SolarEdge Products Compatible with LG Chem RESU (EU)



Inverter Model	SE2200H	SE3000H	SE3500H	SE3680H	SE4000H	SE5000H	SE6000H
Nominal AC Output Power [W]	2200	3000	3500	3680	4000	5000	6000
Max. Charge / Discharge Current [A]	6.5	9	10	10.5	11.5	13.5	16.5
Nominal AC Voltage [V]	220 / 230						
Dimensions [W x H x D]	280 x 370 x 142mm						
Weight [kg]	7.8					9	10.6
Ability to Charge from Existing Solar System	Yes						

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

LG Chem: www.LGESSPartner.com / SolarEdge: www.solaredge.com