

Innovation
for a Better Life

 LG Chem

 CES
AWARD
2016
WINNER

CHANGE YOUR ENERGY CHARGE YOUR LIFE



R-SU



Compact Size & Easy Installation

The compact and lightweight nature of the R-SU is world-class. It is designed as always with a wealth of built-in standard features for both indoor and outdoor applications. The smaller case size also helps with installation, reducing installation time and cost.



Powerful Performance

The new R-SU series features industry-leading continuous power (4.2kW for R24465) and DC round-trip efficiency (98%). LG Chem's 185 (Ultra-capacity 830wh) technology provides standby standby 90% of capacity retention after 10 years.



Proven Safety

LG Chem places the highest priority on safety and utilizes the same technology for its EES products that has a proven safety record in its automotive battery. All products are fully certified in meeting global standards.

www.lgchem.com

RESU

Change Your Energy, Charge Your Life

48V



Models	RESU4.1	RESU6.1	RESU10
Total Energy (kWh)	3.3	6.1	9.8
Usable Energy (kWh)	2.0	3.8	5.8
Capacity (Ah)	63	100	160
Nominal Voltage (V)	51.8	51.8	51.8
Voltage Range (V)	42.0-56.8	42.0-56.8	42.0-56.8
Max Power (kW)	3.0	4.2	5.0
Peak Power (kW) (for 3 sec.)	3.3	4.8	5.0
Dimension (W x H x D, in)	7.18 x 15.8 x 4.7	7.18 x 20.7 x 4.7	7.18 x 30.3 x 6.9
Weight (kg)	4.0	7.1	10.0
Enclosure Protection Rating		IP20	
Communication		CAN 2.0B	
Cell		NiMH	
Certificate	Product	UL 1973 / UL 1974 / IEC 62279 / CE / FCC / RoHS	

Complete Inverter System: SMA Sunny Boy, SolarEdge, 3rd Party Inverter, Goodrive, Redsun, Solar Energy (as of Q2 2018, please refer to the website)

RESU



RESU Plus is an expansion kit specially designed for 48V models of new RESU series. With RESU Plus, all 48V models can be cross-connected with each other.

- Dimension: 2.1 x 8.5 x 4.8 (W x H x D, in)
- Number of Expandable Battery Units: Up to 200
- PSE

400V



Models	RESU7H	RESU10H	
Total Energy (kWh)	7.1	8.8	
Usable Energy (kWh)	4.4	5.3	
Capacity (Ah)	83	83	
Voltage Range (V)	320-430	320-430	320-430
Max Power (kW)	3.3	5.0	
Peak Power (kW) (for 30 sec.)	3.6	5.0	
Dimension (W x H x D, in)	20.3 x 27.3 x 8.1	25.2 x 27.3 x 8.1	
Weight (kg)	18.0	21.4	22.0
Enclosure Protection Rating		IP20	
Communication	RS485	RS485	CAN 2.0B
Cell		NiMH	
Certificate	Product	UL 1973 / UL 1974 / IEC 62279 / CE / FCC / RoHS	

Complete Inverter System: SMA Sunny Boy, SolarEdge, Redsun, Solar Energy (as of Q2 2018, please refer to the website)