

RESU16H Gen3



LG Home Battery RESU

(as a single pack)

World's
Largest
Capacity



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The powerful whole home backup solution with the world's largest capacity

Release date
October, 2020

Usable Energy
16kWh

Power
7kW (Rated) / 11kW (Peak)

Battery Life
70% after 10 years (Global)

Scalability
Up to 2 units (32kWh)

Key Features



Large Capacity

Whole home backup with world's largest capacity, 16kWh / 32kWh (in parallel)



Remote Battery Monitoring

Real time battery status monitoring and early diagnosis with RESU Monitor*

* LG Chem's remote battery monitoring system



Quicker & Easier Handling

The modular design enables easier transportation, handling, and installation



On-the-Spot Maintenance

The detachable Control Unit can be replaced on site, saving maintenance time and cost

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With maximum 32kWh of energy (in parallel) and 14kW of high power output enable the whole home backup both in peak time and blackouts.

32kWh (2 units) / 14kW

3.0kWh



2.4kWh



2.6kWh



Fully cover an average daily electricity use



0.8kWh



0.5kWh



0.7kWh



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Specifications

* UL95409A to be ready in the 2nd half of 2020

Electric	Usable Energy (DoD 100%) [kWh]	16 (70S1P)	
	Power (Rated/Peak) [kW]	7 (20A) / 11 (10s)	
	Voltage [V]	350~450 (max 595)	
	Round-trip Efficiency [%]	> 90	
	Storage Power Consumption [W]	< 0.1	
Physical	Dimension [W x H x D, mm]	504 x 1,086 x 295	
	Weight [kg]	Total	159
		Module	130 (65 x 2EA)
		Control Unit	24
		Connect Plate	5
	Installation Type	Floor-standing	
Scalability	Up to 2 units (32kWh / 14kWh)		
Environmental	Operational Temperature [°C]	-10~50	
	Ingress Rating	IP55	
Operational	Warranty	70% @10 years	
	Communication	CAN & RS485	
	Certification	Cell	UL1642
		Product	CE/FCC/RCM/IEC62619/UL1973/IEC62477

Compatible
Inverters

solar**edge**



SUNGROW

