

Specification



RESU16H PRIME

Usable Energy (DoD 100%) [kWh]	16	
Power (Rated/Peak) [kW]	7 / 11	
Voltage [V]	350-450	
Round-trip Efficiency [%]	> 90	
Storage Power Consumption [W]	< 0.1	
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 / 14kW)	
Operational Temperature [°C]	-10~50	
Ingress Rating	IP55	
Warranty	70% @10 years (Global)	
Communication	CAN & RS485	
Certification	Cell	UL 1642
	Product	CE/FCC/RCM/IEC62619/ UL1973/IEC62477



RESU10H PRIME

Usable Energy (DoD 100%) [kWh]	9.6	
Power (Rated/Peak) [kW]	5 / 7	
Voltage [V]	350-450	
Round-trip Efficiency [%]	> 90	
Storage Power Consumption [W]	< 0.1	
Dimension [W x H x D, mm]	504 x 817 x 295	
Weight [kg]	Total	111
	Module	82 (41 x 2EA)
	Control Unit	24
	Connect Plate	5
Installation Type	Floor-standing & Wall-mounted	
Scalability	Up to 2 units (19 kWh / 10 kW)	
Operational Temperature [°C]	-10~50	
Ingress Rating	IP55	
Warranty	70% @10 years (Global)	
Communication	CAN & RS485	
Certification	Cell	UL 1642
	Product	CE/FCC/RCM/IEC62619/ UL1973/IEC62477

Compatible Inverters : SMA, Solaredge, SUNGROW, GOODWE, Solis
*Values provided for 25°C

Be Prepared with RESU PRIME



Power your home during outages and reduce the amount of energy used during expensive peak hours with RESUhome batteries.



RESU16H PRIME



RESU10H PRIME



LG Home Battery RESU
www.lghomebattery.com

Be Prepared with RESU PRIME

The ultimate value LG RESU is offering to customers is the maximum security for electricity consumption regardless of external uncertainties by realizing energy independence with eco-friendly solar energy.

RESU16H PRIME

“The world's largest capacity home battery for whole home backup”

World's Largest Capacity (16kWh, 7kW) to back up essential loads in peak time and blackouts



World's Largest Capacity

RESU16H PRIME

RESU10H PRIME

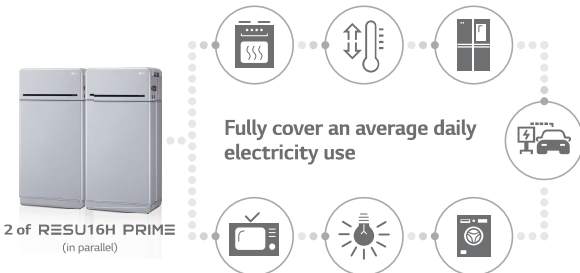
“The smartest choice of first home battery for daily use”

Enough capacity (9.6kWh, 5kW) to back up critical loads during peak time and emergencies



Optimal Capacity

RESU10H PRIME



Maximum energy and high power output enable **whole home backup** both in peak time and blackouts.

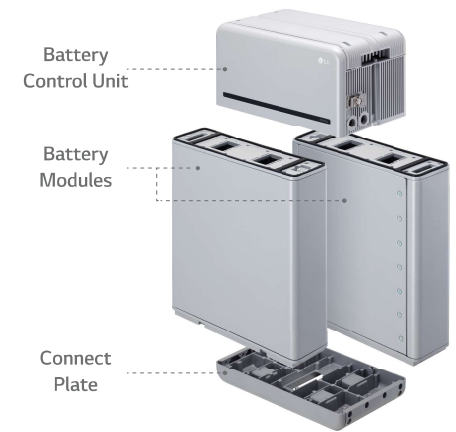
	RESU16H x 2ea	RESU10H x 2ea
Capacity	32 kWh	19.2 kWh
Power	14 kW	10 kW

*May vary depending on the size of household and energy consumption

Unique Modular Design

With its unique modular design, RESU Prime can be divided into a battery control unit and two battery modules. It enables easier transportation, handling, and installation.

*May vary depending on specific condition



On-the-Spot Maintenance

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

*May vary depending on specific conditions

	Conventional	RESU PRIME
Carry & Handle	Lift needed	No lift
Workload	2-3 Installers	1-2 Installers
After sales Service(*)	Collect & Replace	Early diagnosis & On-the-Spot Maintenance

RESU Monitoring

Real time battery status monitoring and early diagnosis with RESU Monitor

RESU Monitor remotely monitors battery conditions in real time and proactively diagnoses in case of anomalies, enabling installers to take quick and accurate remedial actions.



App/Web-based UI
For Installers & End Customers