

RESU-10H Residential Battery System by LG Chem



Price: CAD \$11,999.00

SKU: LGCHEM-RESU10H-SEG

Product Categories: [Discontinued](#), [More](#)

Product Tags: [backup](#), [battery pack](#), [canada](#), [LG](#), [lg chem](#), [residential](#), [resu](#), [resu-10h](#), [resu10h](#), [solar](#), [tou](#)

Product Page:

<https://www.modernoutpost.com/product/lg-chem-resu-10h-residential-battery-system/>

Product Summary

The LG Chem RESU10 ESS (RESU-10H) battery system can store surplus energy generated from rooftop solar panels for use when needed. When the sun has set, energy demand is high, or there is a black-out, you can use the energy stored in your ESS (Energy Storage System) to meet your energy needs at no extra cost.

Product Description

LG Chem RESU-10H Residential Battery System.

A RESU10 ESS (RESU-10H) battery system can store surplus energy generated from rooftop solar panels for use when needed. When the sun has set, energy demand is high, or there is a black-out, you can use the energy stored in your ESS (Energy Storage System) to meet your energy needs at no extra cost. Unlike a grid-tied solar system which automatically switches off, a battery storage system allows you to keep generating and consuming energy when the grid goes down. In addition, an ESS helps you pursue the goal of energy self-consumption and ultimately energy-independence.

The LG Chem **RESU10H Primary** and **RESU10H Secondary** are lithium-ion battery systems used for solar systems requiring energy storage with daily cycling. They have the ability to cycle daily for up to 10 years as needed for self-consumption, peak load shaving, backup power and other similar systems. The RESU10H Primary is the primary battery and the RESU10H Secondary is the second battery to couple to selected grid tie inverters, with compatible controls, at 400 VDC nominal.

Type R : SolarEdge configuration

Type C : SMA configuration

Compact Size & Easy Installation

The compact and lightweight nature of the RESU is world-class. It is designed to allow easy wall-mounted or floor-standing installation for both indoor and outdoor applications. The inverter connections have also been simplified, reducing installation time and costs.

LG Chem RESU Battery Features

Electricity Bill Saving - Charge during off-peak times. - Discharge during peak times. **Self-consumption** - Store solar energy generated from your solar panels for future use. **Emergency Power Backup** - Discharge during a blackout, functioning as back-up power. **Download the [LG Chem RESU Spec Sheet](#)**]

...

Availability:

LG Chem Certification Test approval needed for valid warranty.

Installer must have be approved and have passed LG Chem Certification Test in order for LG Chem Warranty to be valid.

Live training will cover technical product information and provide the opportunity to complete the LG Chem Certification Test. Any contractor ordering LG Chem RESU batteries is required to have passed this test.

Please specify which inverter model you will be connecting the LG Chem unit to.

...

RESU 10H Specifications...

- 9.3 kWh of usable storage capacity
- 5 kW maximum power input and output, maximum continuous output of 3.3 kW
- 7kW peak output for 10 seconds
- Includes a BMS (Battery Management System) with over-voltage, over-current, short circuit,

and reverse polarity protection to ensure complete safety.

- DC disconnect circuit breaker, and ON/OFF switch

Outdoor rated to NEMA 3R (IP55). The maximum operating temperature range is 14°F (-10°C) to 113°F (45°C), with a recommended operating temperature range is 59°F (15°C) to 86°F (30°C) for maximum life. 29.3" W x 35.7" H x 8.1" D.

Ships as Hazardous materials Class 9, UN38.3 (UNDOT).

Warranty is 10 years to 60% of original capacity.

NOTE: Maximum installation altitude is 6,562 ft (2000 m).

Lifting handles are highly recommended for installing these batteries. Two handles are needed to lift and install then on a wall, and can be used again on future installs. Cost: \$149 each.

Made in Korea.

Product Attributes

- Dimensions: 1 × 1 × 1 cm

- Weight: 69 kg

Product Gallery

