



LG CHEM RESU10H BATTERY STORAGE

RESU10H - SEG

LG Chem RESU10H is a home battery that charges using electricity generated from solar panels, or from the grid when utility rates are low. It powers your home in the evening, when the sun is not shining or when utility rates are higher.

LG Chem RESU10H uses state-of-the-art lithium-ion energy technology to deliver a high voltage battery storage solution of exceptional quality.

For nearly a decade, LG Chem Batteries have been used around the globe by major car manufacturers such as Hyundai/Kia, General Motors, Volkswagen, Ford and Daimler Group.

The system is easy to install, completely automated and requires no maintenance.



**CAPTURES AND
STORES EXCESS
SOLAR ENERGY FOR
USE AT NIGHT**

HOW YOU BENEFIT



HIGH EFFICIENCY

Captures and stores excess solar energy resulting in greater self-consumption of solar generation and reduced energy costs.



COMPACT SIZE

Industry leading LG Chem technology with high energy density provides a compact product with a stylish aluminium design.



SAFE OPERATION

LG Chem utilises similar technology for home battery products that have a proven safety record in its automotive battery.



INNOVATIVE

Electronic screen operation allows for silent and automated operation with easy to read performance information.



SOLAHART WARRANTY

Enjoy a 10-year warranty, for peace of mind.*

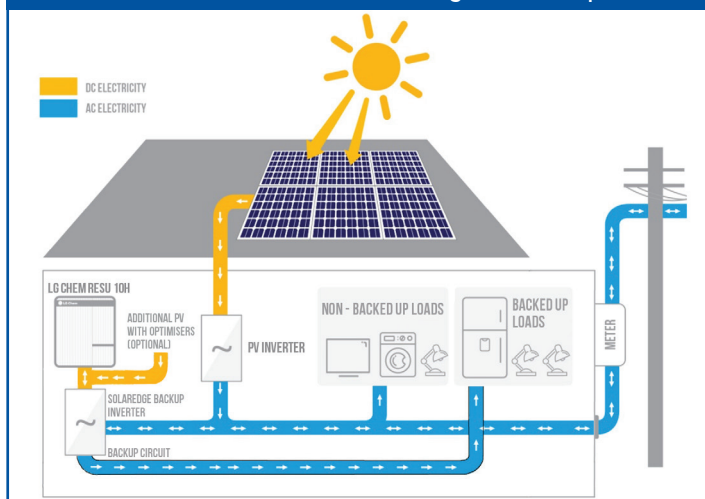
Technical Data

MODEL	RESU10H - SEG
Electrical Specifications	
Max. DC charge / discharge power ⁽¹⁾	5 kW ⁽¹⁾
Peak DC discharge power ⁽¹⁾⁽²⁾	7 kW for 10 sec ⁽¹⁾⁽²⁾
Nominal energy (DC)	9.8 kWh @ 25°C
Usable energy (DC) ⁽³⁾	8.8 kWh @ 25°C ⁽³⁾
Voltage range - charge / discharge	400 ~ 450 Vdc / 350 ~ 430 Vdc
Max. DC voltage	520 Vdc
Max. DC charge / discharge current	11.9 A @ 420 V / 14.3 A @ 350 V
Communication interface	RS485
DC disconnect	Circuit Breaker, 24 A, 600 V rating
Mechanical Specifications	
Dimensions (W x L x D)	744 x 907 x 206 mm
Weight	97 kg

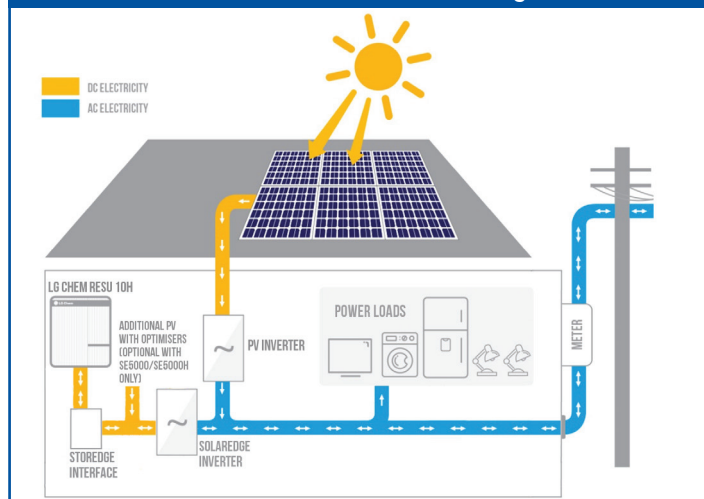
MODEL	RESU10H - SEG
Environmental Specifications	
Installation location	Wall mounted, Indoor / Outdoor
Operating temperature	-10 ~ 45°C
Storage temperature	-30 ~ 55°C
Maximum altitude	2,000 m
Cooling strategy	Natural Convection
Humidity	5 % - 95 %
Warranty and Certification	
Solahart Warranty	10 years*
Safety - Battery pack	CE / RCM / TUV (IEC 62619)
Hazardous materials classification	Class 9
Transportation	UN38.3 (UNDOT)
Ingress rating	NEMA 3R / IP55

AC COUPLED SYSTEMS

LG Chem RESU10H-SEG / SolarEdge with Backup

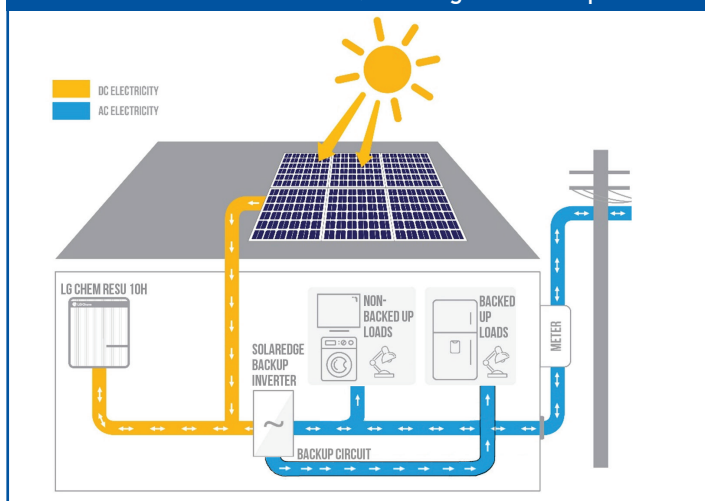


LG Chem RESU10H-SEG / SolarEdge

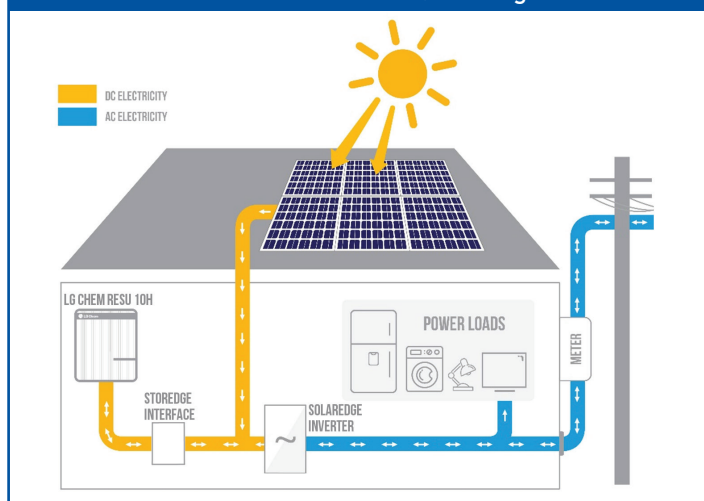


DC COUPLED SYSTEMS

LG Chem RESU10H-SEG / SolarEdge with Backup



LG Chem RESU10H-SEG / SolarEdge



⁽¹⁾ Usable AC power is dependent upon inverter specifications. Output may be limited. ⁽²⁾ Peak Current excludes repeated short duration (less than 10 sec. of current pattern). ⁽³⁾ Value for Battery Only (DOD 95%), 2kW charge/discharge power. Total usable energy is dependent on a number of factors, including inverter efficiency, cabling losses, etc. *For full details see Solahart Owner's Guide. Conditions apply.