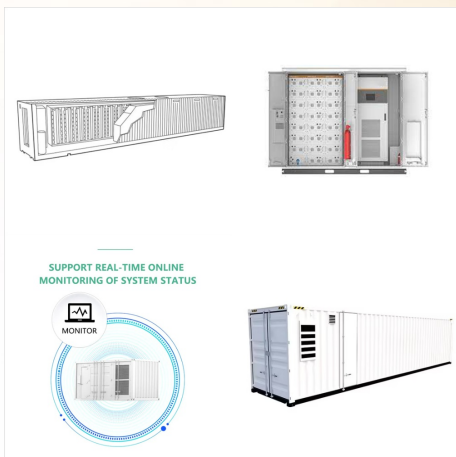




Page 1 Installation Manual for RESU10H (Type-R)
Compatible Inverter : SolarEdge Version 1.3; Page 2
The information included in this manual is accurate at the time of publication. However, this manual is subject to change without prior notice. In addition, the concepts and installation instructions. Please note the image shown is for illustration purposes only.



LG Chem RESU 7H high voltage lithium battery.
The high-voltage storage system has been a major trend since 2016. LG Chem is presenting its first high-voltage battery here and is hitting the bull's eye with it. A newly developed battery cell enables a particularly high energy density and compact dimensions of the new LG Chem high-voltage series.



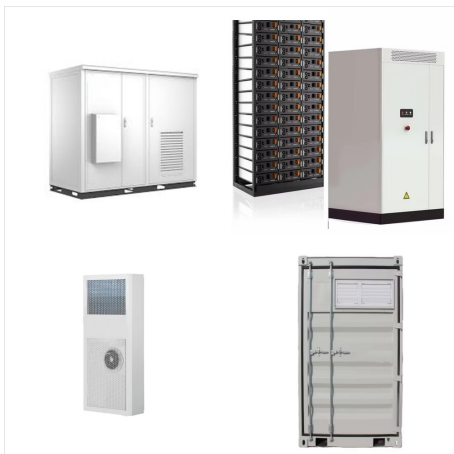
12kwh LG Chem LV battery store data sheet; 10kwh LG Chem HV battery store data sheet; 16kwh LG Chem Prime new generation data sheet; 10kwh, 16kwh LG Chem prime HV battery store flyer . If you are interested in purchasing the inverters to match these battery packs, then please go to this page: LG battery plus single phase inverter



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LG Chem's RESU lithium-ion batteries are compact,
 safe and easy to install. Their batteries are also
 easy to scale with their RESU 48V line, which easily
 connects with the RESU plus (battery add-ons).
 With diverse options ranging from 3.3kWh to
 13.1kWh, LG Chem has a battery solution for a wide
 range of projects and is compatible with a wide



RESU ? il sistema di accumulo energetico
 residenziale di LG CHEM ideale per l'utilizzo in
 abbinamento ad impianti fotovoltaici di ultima
 generazione per la massimizzazione
 dell'"autoconsumo. Le dimensioni compatte e il peso
 leggero del sistema RESU sono riconosciuti a livello
 mondiale.



Bateria de litio LG Chem Resu 7H. Modelo de 400V y 7,0kWh de acumulación total y 6,6kW de acumulación utilizable. Esta batería, al igual que el modelo LG Chem Resu 10H esta diseñada con las características perfectas para su uso en instalaciones de autoconsumo con conexión a ???



The RESU Prime line of batteries is older and offered by LG Energy Solution, a subsidiary of LG Chem, which also makes battery cells for carmakers like Toyota, GM, Ford, and Volkswagen. RESU Prime batteries are very affordable and best for a new solar+storage installation because they have to be connected to a hybrid inverter to work.



ZESTAW DO ROZBUDOWY RESU PLUS
Stosuj??c RESU Plus (zestaw do rozbudowy), mo?
1/4 na pod????czy?? r?wnolegle maks. dwa
akumulatory (RESU 3.3, 6.5 lub 10), aby
zwi??kszy?? pojemno???? u? 1/4 ytkow??.
PARTNER FIRMY SHARP: LG CHEM Firma LG
Chem jest wiod??cym producentem akumulator?w
litowo-jonowych na rynku motoryzacyjnym i rynku
magazyn?w energii ESS.



RESU 7H Certifications. LG Chem places the highest priority on safety and utilizes the same technology for its ESS products that has a proven safety record in its automotive battery. All products are fully certified in relevant global standards. Safety Cell: UL1642 Battery Pack: UL1973 / CE / RCM / TUV(IEC 62619) Emissions: FCC



The LG Chem Resu 10H offers two important, yet distinct benefits to its users. First, homeowners can utilize Time-Of-Use electricity rates to their advantage. When energy demand (and hence rates) are low, users can purchase and store energy in their battery to be used at a time when demand and rates are high. The cost per kilowatt-hour at peak



See all key information about the LG CHEM RESU7H, a 6.6kWh solar battery by LG Chem, including cost, warranty info and manufacturer reviews. Solar Calculator. Learn About Solar. Sign In Register Table 1: RESU 10 overview. Type. Lithium-ion. Voltage. 52. Length (inches) 8.90. Width (inches) 17.80. Height (inches) 19.00. Usable Energy (kWh) 9



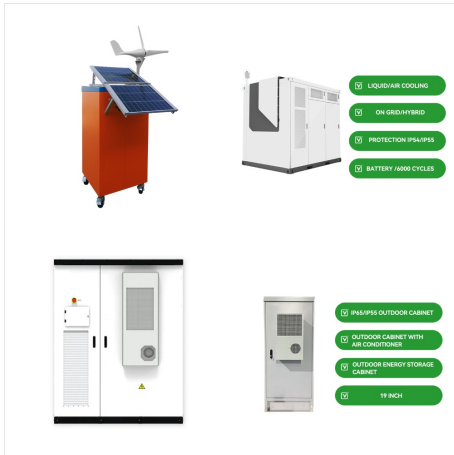
The LG Chem RESU 10H the companies home energy storage solution for the US market is one of the most common solar batteries installed throughout the country. As one of the leading players in the energy storage space, the LG Chem RESU product is one that customers should familiarize themselves with when exploring residential home storage.



LG RESU ??? Der Batteriespeicher von LG Chem LG RESU 10H und LG RESU 7H ??? die Alternative zur Tesla Powerwall. Die beiden LG Chem RESU 10H und 7H sind sogenannte Hochvolt-Batteriespeicher. Sie k?nnen in Verbindung mit ???



LG Chem assicura la qualit? del RESU 10H con una garanzia di 10 anni Ideale per il fotovoltaico: il gruppo batterie ? progettato per sistemi fotovoltaici di tipo residenziale. BMS* (battery management system): il sistema *BMS integrato** del gruppo batterie monitora il funzionamento della batteria e impedisce il funzionamento oltre i limiti



LG Chem RESU 7H_R / 10H_R. Operating voltage range; 350 ~ 450 Vdc. Max operating current; 10 A @7H_R / 15 A @10H_R. Max charge power; 3,500 W @7H_R / 5,000 W @10H_R. Max discharge Power @7H_R maximum input voltage and operating voltage upper limit will be reduced to 495 V when inverter connects and works with LG battery. *4 2,500 W @ 5kWh



LG Chem RESU 7H_R / 10H_R; Operating voltage range. 350 ~ 450 Vdc; Max operating current. 10 A @7H_R / 15 A @10H_R; Max charge power. 3,500 W @7H_R / 5,000 W @10H_R; Max discharge Power @7H_R . 3,300 W; maximum input voltage and operating voltage upper limit will be reduced to 495 V when inverter connects and works with LG battery. *4 2,500



The LG Chem RESU 10H boasts a maximum power rating of 5.0 kW to go along with 9.3 kWh of usable capacity. The RESU system is also, to an extent, modular, meaning you can add multiple battery products to your storage setup. For example, you might want to install multiple RESU batteries for a home with high energy demands.



Electrical Characteristics Total Energy Capacity 1) 7.0 kWh @25°C (77°F), Beginning of Life Usable Energy Capacity 1) 6.6 kWh @25°C (77°F) Battery Capacity 63 Ah Voltage Range Charge 400 to 450 V DC Discharge 350 to 430 V



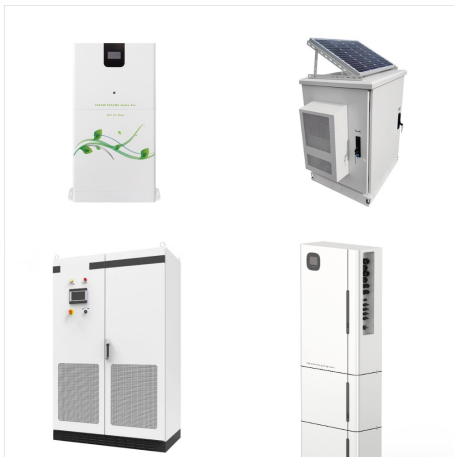
The new RESU series features industry-leading continuous power and DC round-trip efficiency(95%). LG Chem's L & S (Lamination & Stacking) technology provides durability ensuring 80% of capacity retention after 10 years. Compact Size & Easy Installation. The compact and lightweight nature of the RESU is world-class.



The RESU10H is part of the high voltage RESU range. Using state-of-the-art lithium-ion battery technology, the RESU10H will be there to store energy from your solar panels or the grid during the day. The battery powers your home during the evening, during power outages, when the sun is not shining, or when utility rates are at peak levels. Delivering a high quality and efficient ???



LG Chem RESU 7H_R / 10H_R. Max. corrientede operaci?n; 10 A @7H_R / 15 A @10H_R. Potencia de carga m?xima; 3,500 W @7H_R / 5,000 W @10H_R. Potencia m?xima de descarga @ 7H_R de tensi?n de entrada y de operaci?n se reducir?n a 495 V cuando el inversor se conecte y funcione con l a bater?a LG. * 4 2.500 W en las bater?as HUAWEI



Over the past decade, LG Chem has been a leader in the production of batteries for electric vehicles, smartphones, and energy storage. The LG Chem RESU 10H the companies home energy storage solution for the US market is one of the most common solar batteries installed throughout the country.



? 1/2 ?H100 %R Operating altitude. 0 - 4,000 m (Derating above 2,000 m) Cooling ; Natural convection. Display; LED indicators. IP65. Battery Compatibility. Battery. LG Chem RESU 7H_R / 10H_R; Voltage range. 350 ~ 450 Vdc; Max. current. 10 A; Communication. RS485; Standard Compliance (more available upon request) Safety. EN/IEC 62109-1, EN/IEC



La force de cette batterie LG Chem RESU 10H PRIME haute tension vous permet d'avoir une puissance de sortie provenant de celle-ci jusqu'à 5000W. Grâce à un fonctionnement en haute tension (jusqu'à 450V) cette batterie vous offre la possibilité de faire de l'autoconsommation en stockage sur des fortes puissances le soir ou le matin.