



Valence's lithium iron phosphate solution surpasses lead-acid and nickel-zinc batteries with superior energy-to-weight ratios, all while maintaining inherent safety. For more than a decade, Valence has provided secure, reliable battery a?



Valence U27-12XP Lifepo4 Lithium Battery Lithium Werks provides safe, reliable and mobile energy solutions for energy storage Features and transportation. The U27-12XP is a high-performance, 12 volt battery, built on a patented Lithium Iron Phosphate chemistry platform providing over 1.8 kWh.



Valence's lithium iron phosphate solution surpasses lead-acid and nickel-zinc batteries with superior energy-to-weight ratios, all while maintaining inherent safety. For more than a decade, Valence has provided secure, reliable battery packs for a prominent personal electric scooter manufacturer, satisfying stringent demands for vibration



U1-12RJ Valence LFP 12V 40Ah 512Wh Battery with BMS. Rated 5.00 out of 5 based on 1 customer rating (1 customer review) \$ 65.54 a?? \$ 99.71-A beginner friendly 12V battery with over voltage, under voltage, temperature, and overcurrent protection built in. Easy to series together for higher voltage applications. saftey profile of lithium



Lithium Werks B.V., a lithium ion battery and portable power solutions group, have acquired substantially all the assets of Valence Technologies, Inc., including the customer relationships, global manufacturing, sales and distribution locations along with all of Valence's Proprietary Lithium Magnesium Iron Phosphate intellectual property (IP), trademarks, and inventory.



12V Battery Module U-Charge(R) RT offers a simple "plug-and-play" replacement for typical lead-acid battery applications. The Lithium Iron Magnesium Phosphate module offers 40Ah with a peak load capability of . U1-12RT V e V Accessories U-BDI a?? a wired, remote



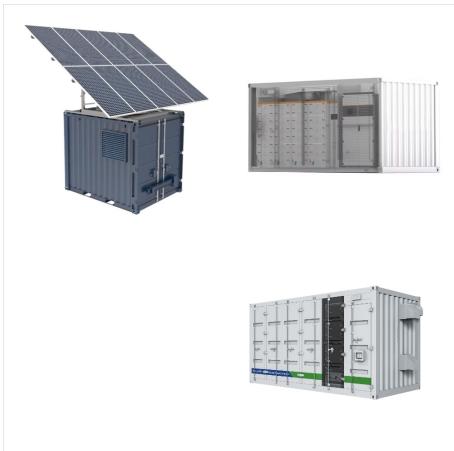
27 product ratings - Valence U1-12RT 12.8v 40Ah, Lithium Battery And original Lithium 20A Changer. \$325.00. marcross1 (1,488) 100%. Buy It Now +\$30.00 shipping. 22 watchers. Valence U1-12RT 12.8v 40Ah Lithium Iron Magnesium Phosphate (LiFeMgPO4) Battery. Opens in a new window or tab. Pre-Owned.



Valence Technology, Inc. was a company that developed and manufactured lithium iron phosphate cathode material as well as lithium ion battery modules and packs. The modules come in 12 V, 18 V, 24 V, and 36 V configurations. Valence's products are used in electric vehicle and plug-in hybrid electric vehicles (PHEVs) such as cars, scooters, motorbikes, and commercial a?|



Valence Technology, Inc. was a company that developed and manufactured lithium iron phosphate cathode material as well as lithium ion battery modules and packs. The modules come in 12 V, 18 V, 24 V, and 36 V configurations. Valence's products are used in electric vehicle and plug-in hybrid electric vehicles (PHEVs) such as cars, scooters, motorbikes, and commercial vehicles such aa?|



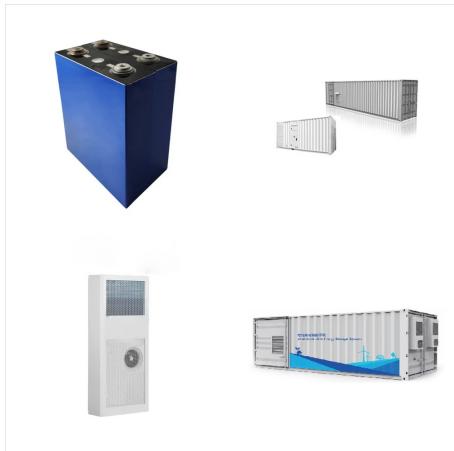
24 Volt Lithium Ion Battery Module The U27-24XP is a high-performance, 24-volt battery, built on Valence's patented Lithium Iron Magnesium Phosphate chemistry platform. Customers now have a choice of a 12, 24, or 36V battery in a Group 27 size case, each providing over 1.76 kWh. Overview The U27-24XP is ideal for material handling or



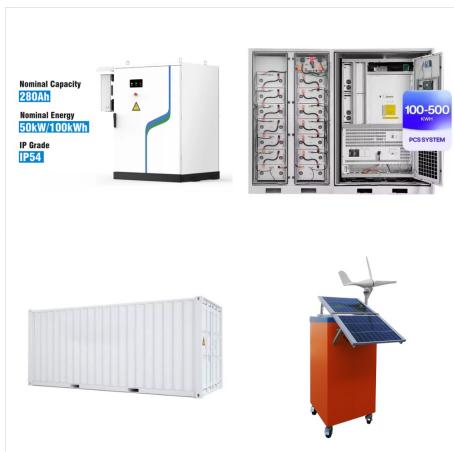
A lithium-ion or Li-ion battery is a type of rechargeable battery that uses the reversible intercalation of Li + ions into electronically conducting solids to store energy. University of Texas/Hydro-Quebec, [112] Phostech Lithium Inc., Valence a?



The U27-36XP is a high-performance, 36 volt battery, built on a lithium iron phosphate chemistry platform providing a safe, reliable and mobile energy solution. Customers now have a choice of a 36 volt battery in a Group 27 size case providing over 1.9 kWh.



This occurs because lithium has the highest activation energy of its group - that is, it takes more energy to remove lithium's one valence electron than with other group 1 elements, because lithium's electron is closer to its nucleus. Lithium-ion batteries, disposable lithium batteries, pyrotechnics, creation of strong metal alloys, etc



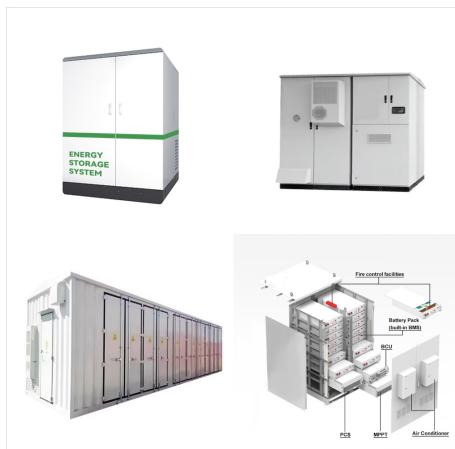
It can be explained by the abnormal VES of lithium in LiFePO<sub>4</sub>, the valence electrons of lithium are distributed almost exclusively on the s orbital, and its s valence electron number  $n_s$  is 0.9982, which is much more than those of lithium in the other three LiTPO<sub>4</sub> ( $n_s = 0.50$ ), causing a significant decrease of bonding factor  $f$  for the LiO



27 product ratings - Valence U1-12RT 12.8v 40Ah, Lithium Battery And original Lithium 20A Changer. \$325.00. marcross1 (1,464) 100%. Buy It Now +\$30.00 shipping. 22 watchers. Valence U1-12RT 12.8v 40Ah Lithium Iron Magnesium Phosphate (LiFeMgPO<sub>4</sub>) Battery. Opens in a new window or tab. Pre-Owned.



Valence Battery batteries offer an optimal solution for medical carts, mobile carts (COWs), or any mobile medical device necessitating autonomous power. Built upon Valence Battery's decade-spanning experience in producing 12V batteries for the medical market, the U1-12RJ is a 12-volt 40Ah battery, sized akin to a Group U1 battery, yet boasting



LED indication bar and battery status indicators. The U-BDI also monitors and controls battery-to-battery balance within a battery string. Corporate Headquarters North America Sales 12303 Technology Blvd. Suite 950 Austin, Texas 78727 USA Tel (888) VALENCE or +1 (512) 527-2900 Fax +1 (512) 527-2910 Email sales@valence EMEA Sales



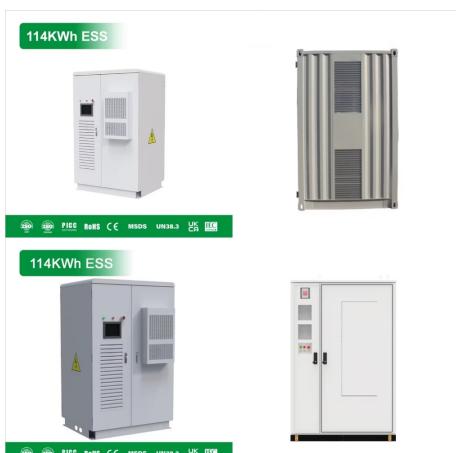
The U27-12XP is a high-performance, 12 volt battery, built on a patented Lithium Iron Phosphate chemistry platform providing over 1.7kWh. Current battery test results are coming back between 106Ah and 110Ah, batteries will be grouped a?|



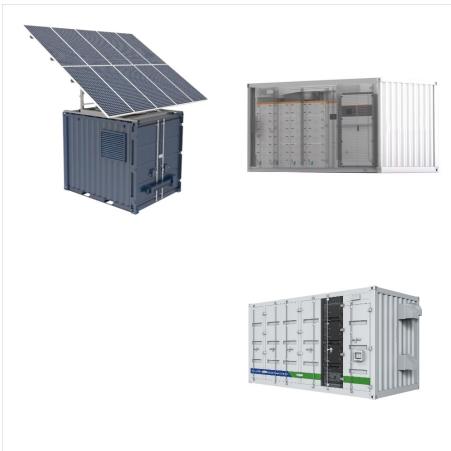
Commonly used in starter batteries for internal combustion engine (ICE) vehicles Lead Acid is normally a low-cost secondary battery, composed of a lead-dioxide cathode, a sponge metallic lead anode and a sulphuric acid solution electrolyte. U-Charge RT Lithium Iron Phosphate (LiFePO4) modules have considerably greater energy density making



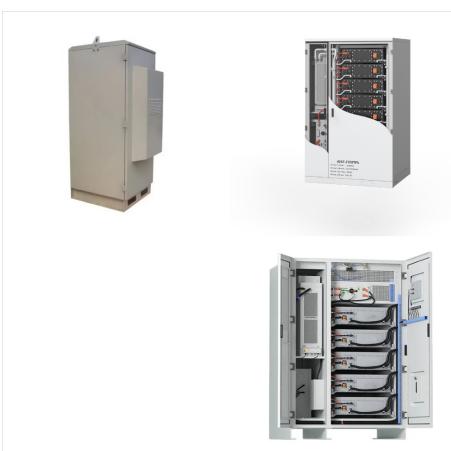
Valence Technology Inc. (Henderson, NV) announced it has begun shipping its new lithium polymer battery components to joint venture partner Hanil Valence Co. Ltd. (Seoul). Hanil Valence will use the components to finalize the setup of its battery making equipment in Korea and will be manufacturing batteries similar to Valence's standard 65M and 65N sizes to a?|



Austin, Texas a?? February 7, 2018. Lithium Werks B.V. (), a fast growing lithium ion battery and portable power solutions group, announced today that they have acquired substantially all the assets of Valence Technology, Inc. including the customer relationships, global manufacturing, sales and distribution locations along with all of Valence's Proprietary a?|



The U-Charge series offers energy storage solutions in standard battery sizes (per the Battery Council International) for a wide variety of applications. These batteries incorporate safe lithium iron phosphate (LiFePO4) offering intrinsic safety with twice the run-time and 70% the weight of similarly sized sealed lead-acid batteries.



Valence Technology, Inc. (Nasdaq: VLNC) announced it is now shipping four recently introduced models of its U-Charge(R) Power System large-format lithium-ion batteries as well as a new Battery Management System (U-BMS). The new battery models are based on Valence Technology's proprietary Saphion(R) technology, the industry's first commercially a?|



Intrinsic safety profile of lithium iron phosphate battery chemistry UL 2054 Recognized and Complies IEC 62133 CB Scheme a?c Built-in protection from over-charge, over-discharge, and short circuit conditions Communicates battery status and accurate state of charge to inverter-charger or BDI via RJ45 connector Maintenance-free design



Lithium batteries store the best & last the most years at lower percentage of charge, lower amperages and shallower cycles. I've noticed the valence batteries internal on board state of charge meter is actually intelligent and adjusts its capacity on the fly according to how much wattage you're pulling out of the battery. When I pull



**U27-12XP Valence LFP 12V 138Ah 1.76kWh**  
 Battery with BMS. Rated 5.00 out of 5 based on 4 customer ratings (4 customer reviews) 12 volt battery, built on a patented Lithium Iron Phosphate chemistry platform providing over 1.7kWh. Current battery test results are coming back between 106Ah and 110Ah, batteries will be grouped within a few Ah of