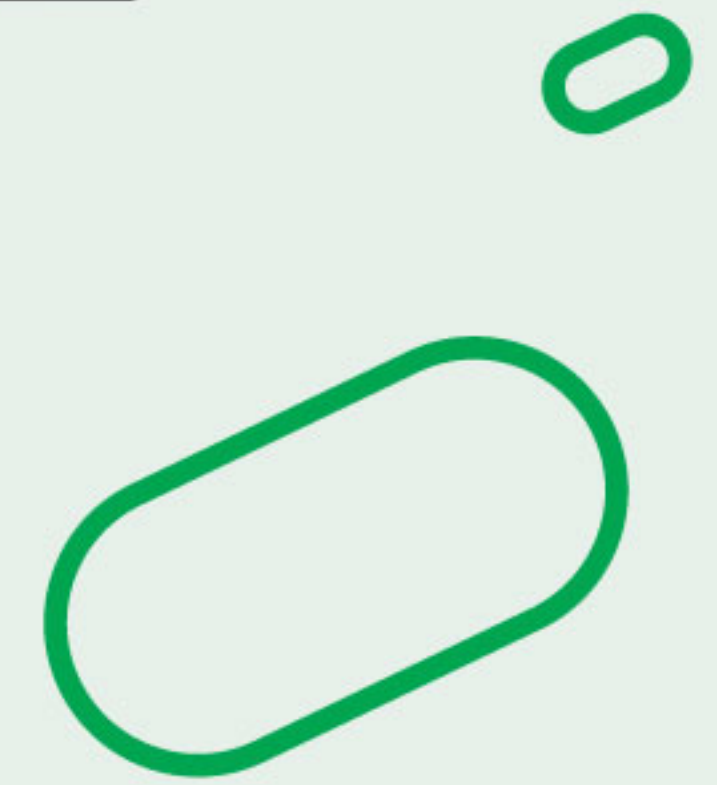




COMPANY PROFILE



About Company

At Swift Company, we are pioneers in the realm of lithium battery technology, committed to powering a sustainable future through innovation, reliability, and efficiency.

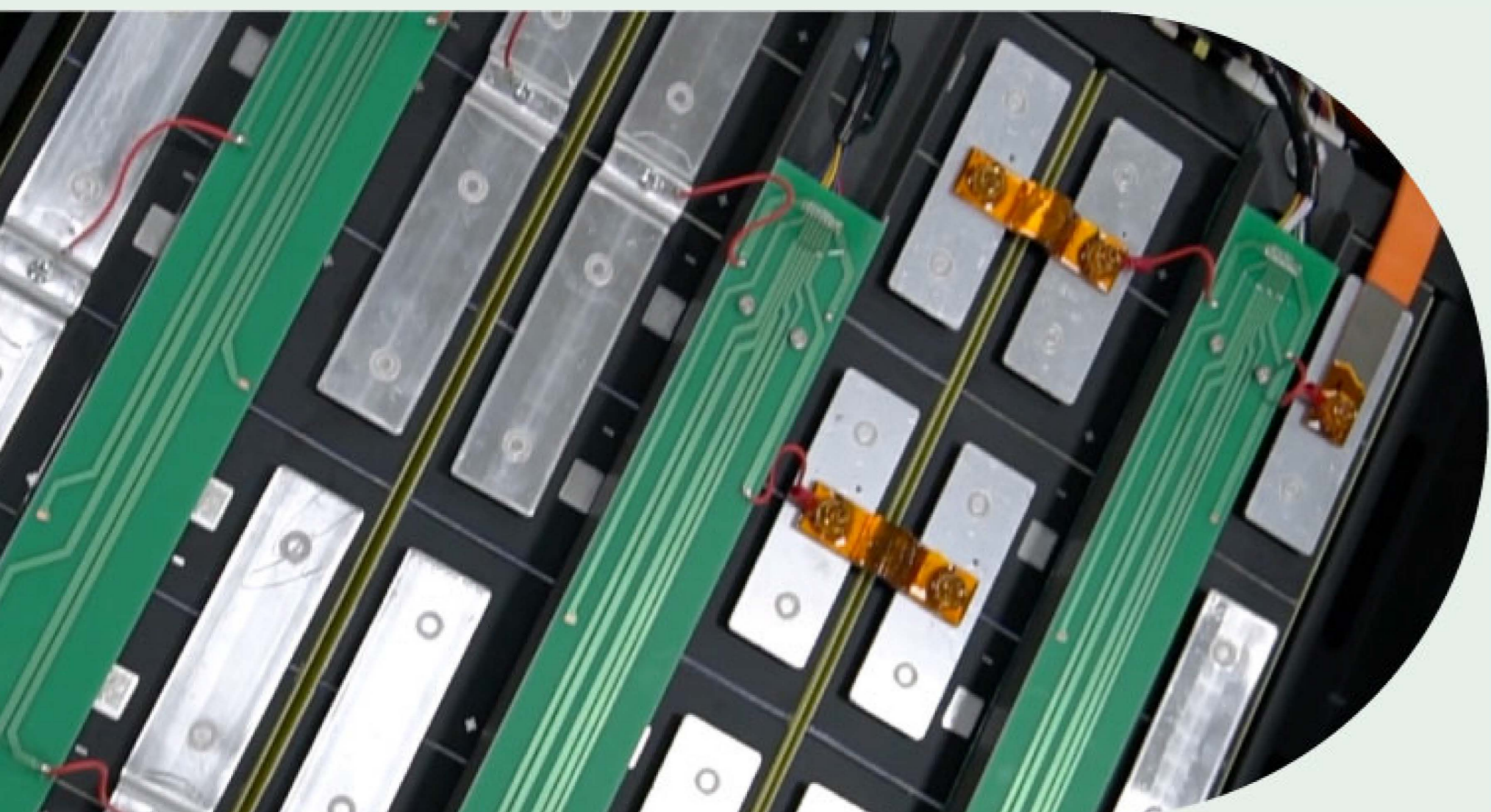
Established [2021], we have emerged as a leading manufacturer of high-quality lithium batteries, catering to diverse industries worldwide.



Our Vision

Our vision is to revolutionize energy storage solutions, driving the transition towards cleaner, greener, and more sustainable power sources.

We envision a future where lithium batteries play a pivotal role in powering electric vehicles, renewable energy systems, consumer electronics, and beyond.





Innovation and Technology

Driven by a passion for innovation, we continuously push the boundaries of lithium battery technology. Our team of experienced engineers and researchers is dedicated to developing groundbreaking solutions that address the evolving needs of our customers and the planet. Through ongoing research and development efforts, we strive to stay at the forefront of industry advancements, delivering products that surpass expectations.

As stewards of the environment, we recognize the importance of sustainable practices in our operations. From eco-friendly manufacturing processes to recyclable materials, we prioritize environmental responsibility at every stage. By minimizing our carbon footprint and promoting energy efficiency, we aim to contribute to a cleaner, healthier planet for future generations.

Innovation and Technology

THE FIRST LITHIUM BATTERY FACTORY IN UAE



Global Reach

With a global presence, **Swift** Company serves a diverse clientele spanning across continents. Whether it's powering electric vehicles in bustling cities or supporting renewable energy projects in remote regions, our batteries are trusted by customers worldwide for their performance and reliability.



Points Of Sales

United Arab Emirates

Syria

Lebanon

Egypt

Saudi Arabia

Kuwait

Nigeria

Iraq

Russia

Ukrain

Ghana

Yamen

Our Service

1

Energy Storage Low Voltage

An energy storage battery with a nominal voltage of 25.6 or 51.2 volts refers to a lithium-based battery system used for storing electrical energy in stationary applications.

Telecom Battery

A Telecom lithium battery with a nominal voltage of 51.2 volts is a specific type of rechargeable battery designed for telecommunications applications.

Portable Power Station

A portable power station with a lithium battery is a compact and versatile device designed to provide portable power for various electronic devices and appliances.

4

small electric vehicles (SEV) Battery

small electric vehicles batteries utilizing lithium iron phosphate (LiFePO₄) chemistry are a specific type of lithium-ion battery optimized for small electric vehicles (SEVs) like electric scooters, golf cars, electric stackers, electric bicycles, and electric skateboards.

5

Energy Storage High Voltage

Energy storage batteries with lithium-ion technology and high voltage ratings are advanced energy storage solutions used in various applications, including grid-scale energy storage, renewable energy integration, and industrial power systems.

Home storage energy Low Voltage

An Home storage energy battery with a nominal voltage of 25.6 or 51.2 volts refers to a lithium-based battery system used for storing electrical energy in stationary applications.

Here's a breakdown of its key features and applications:



- 1. Nominal Voltage:** The nominal voltage of 25.6 or 51.2 volts indicates the average voltage output of the battery when fully charged. This voltage level is suitable for Home storage energy applications where a moderate voltage is required to store and discharge electrical energy efficiently.
 - 2. Lithium Technology:** These batteries utilize lithium-based chemistry of lithium iron phosphate (LiFePO₄). Lithium batteries are chosen for energy storage systems due to their high energy density, long cycle life, fast charging capability, and overall efficiency compared to traditional lead-acid batteries.
 - 3. Home storage energy Applications:** Lithium batteries with a nominal voltage of 25.6 or 51.2 volts are commonly used in various energy storage applications, including residential and commercial solar energy storage systems, off-grid power systems, grid stabilization, and peak shaving. They store excess energy generated from renewable sources like solar panels or wind turbines for use during periods of high demand or when renewable energy generation is low.
 - 4. Modular Design:** Home storage energy lithium batteries often come in modular designs, allowing for scalability and flexibility in system configuration. Modular battery systems enable users to adjust the storage capacity according to their energy requirements and easily expand the storage capacity as needed.
 - 5. Integration with Energy Management Systems:** These batteries are integrated with energy management systems (EMS) or battery management systems (BMS) for efficient control, monitoring, and optimization of energy storage operations. EMS/BMS systems help manage battery charging, discharging, and overall performance, ensuring optimal utilization and prolonging battery lifespan.
 - 6. Grid Connectivity:** In grid-connected energy storage applications, such as those used for peak shaving or grid stabilization, lithium batteries with a nominal voltage of 51.2 volts can interact with the electrical grid to provide ancillary services, improve grid reliability, and support renewable energy integration.
 - 7. Longevity and Durability:** Home storage energy lithium batteries are designed for long-term use and are built to withstand repeated charge and discharge cycles. Proper maintenance and monitoring help ensure the longevity and reliability of the battery system over its operational lifespan.
- Home storage energy lithium batteries with a voltage rating of 51.2 volts play a crucial role in enabling the efficient and sustainable storage of electrical energy for various applications, contributing to the transition towards cleaner and more resilient energy systems.

Telecom Battery

A Telecom lithium battery with a nominal voltage of 51.2 volts is a specific type of rechargeable battery designed for telecommunications applications.

Here's a detailed explanation:



1. **Nominal Voltage:** The nominal voltage of 51.2 volts indicates the average voltage output of the battery when it is fully charged. This voltage level is chosen to meet the power requirements of telecommunications equipment while ensuring compatibility with standard industry specifications.

2. **Lithium Technology:** Telecom lithium batteries utilize lithium-based chemistry, we use lithium iron phosphate (LiFePO₄). Lithium batteries are preferred in telecom applications due to their high energy density, lightweight design, long cycle life, and fast charging capabilities compared to traditional lead-acid batteries.

3. **Telecommunications Applications:** These batteries are specifically tailored to meet the backup power needs of telecommunications infrastructure, including cell towers, base stations, communication hubs, and data centers. They serve as critical backup power sources during mains power outages or disruptions, ensuring uninterrupted operation of telecom networks and services.

4. **Form Factors and Configurations:** Telecom lithium batteries are available in various form factors and configurations to suit different installation requirements and equipment specifications. They may come in the form of battery packs, modules, or integrated systems, designed to seamlessly integrate with telecom equipment and infrastructure.

5. **Reliability and Durability:** Telecom lithium batteries are engineered to meet stringent reliability and durability standards required for telecom applications. They are designed to withstand harsh environmental conditions, temperature extremes, vibrations, and other challenges commonly encountered in telecom settings, ensuring reliable performance over an extended service life.

6. **Remote Monitoring and Management:** Our Telecom lithium batteries feature built-in monitoring and management capabilities, allowing remote monitoring of battery health, status, and performance parameters. This enables proactive maintenance, early fault detection, and optimization of battery usage to ensure optimal backup power reliability.

7. **Compliance and Safety:** Telecom lithium batteries comply with relevant industry standards and regulations for safety, performance, and environmental impact. They undergo rigorous testing and certification processes to ensure compliance with industry standards and to mitigate risks associated with battery operation.

Telecom lithium batteries with a nominal voltage of 51.2 volts play a critical role in ensuring the resilience and continuity of telecommunications networks by providing reliable backup power to essential infrastructure components. Their advanced technology, robust design, and remote monitoring capabilities make them well-suited for meeting the demanding requirements of telecom applications.

Portable Power Station

A portable power station with a lithium battery is a compact and versatile device designed to provide portable power for various electronic devices and appliances.

Here's a detailed explanation of its key feature and functionality:



1. **Lithium Battery:** Portable power stations utilize lithium-ion or lithium iron phosphate (LiFePO₄) batteries. These lithium batteries offer several advantages, including high energy density, lightweight design, long cycle life, and fast charging capabilities compared to traditional lead-acid batteries.

2. **Power Output:** Portable power stations feature multiple output ports, including AC outlets, DC ports, USB ports, and some modules even wireless charging pads. These ports allow users to power devices such as laptops, smartphones, tablets, cameras, medical machines, lights, fans, and small appliances.

3. **Capacity:** Portable power stations come in various capacities, ranging from around 500 watt-hours (Wh) to over 5000 Wh. The capacity determines how much energy the power station can store and how long it can power devices before recharging. Higher-capacity models are suitable for powering more devices or running larger appliances for longer durations.

4. **Portability:** One of the key features of portable power stations is their compact and lightweight design, making them easy to transport and use on the go. They are often equipped with built-in handles, carrying straps, or wheels for convenient portability, making them ideal for outdoor activities, camping, RV trips, emergency backup power, and remote worksites.

5. **Rechargeability:** Portable power stations can be recharged via various methods, including AC wall outlets, DC car sockets, solar panels, or even wind turbines, depending on the model. Solar-compatible power stations allow for eco-friendly recharging using solar panels, making them suitable for off-grid and sustainable power solutions.

6. **Safety Features:** Advanced portable power stations incorporate built-in safety features to protect against overcharging, over-discharging, short circuits, overheating, and other potential hazards. These safety mechanisms ensure the safe and reliable operation of the device and protect both the power station and connected devices.

7. **Versatility:** Portable power stations are versatile devices suitable for a wide range of applications. They can be used for outdoor recreational activities, emergency backup power at home or during disasters, powering electronic devices and appliances while camping or traveling, and providing temporary power at worksites or events.

In summary, portable power stations with lithium batteries offer a convenient, reliable, and portable solution for providing power wherever and whenever it's needed. Their compact size, versatile features, and rechargeability make them a practical choice for various power needs in both indoor and outdoor settings.

Electric Small Vehicle (SEV) Battery

Electric small vehicle batteries utilizing lithium iron phosphate (LiFePO₄) chemistry are a specific type of lithium-ion battery optimized for small electric vehicles (SEVs) like electric scooters, golf cars, electric stackers, electric bicycles, and electric skateboards.

Here's a detailed explanation of their features:



1. **LiFePO₄ Chemistry:** Lithium iron phosphate (LiFePO₄) is a type of lithium-ion chemistry known for its stability, safety, and longevity. Compared to other lithium-ion chemistries, LiFePO₄ batteries offer enhanced thermal and chemical stability, reducing the risk of overheating or thermal runaway.

2. **Safety:** LiFePO₄ batteries are inherently safer than other lithium-ion chemistries due to their stable crystal structure and resistance to thermal runaway. They have a lower risk of combustion or explosion, making them a preferred choice for applications where safety is a primary concern, such as electric vehicles.

3. **Long Cycle Life:** LiFePO₄ batteries have an extended cycle life, capable of enduring a high number of charge-discharge cycles without significant degradation. This longevity is advantageous for electric vehicles, as it reduces the frequency of battery replacements and extends the overall lifespan of the vehicle.

4. **Fast Charging:** LiFePO₄ batteries support fast charging, allowing for quick replenishment of energy and minimizing downtime for electric vehicles. With appropriate charging infrastructure, LiFePO₄ batteries can be rapidly charged, making them suitable for urban commuters and short-distance travelers who require frequent recharging.

5. **High Energy Density:** While LiFePO₄ batteries have slightly lower energy density compared to some other lithium-ion chemistries, they still offer sufficient energy density for powering small electric vehicles. The trade-off in energy density is offset by the benefits of safety, longevity, and stability provided by LiFePO₄ chemistry.

6. **Performance:** LiFePO₄ batteries deliver reliable and consistent performance, providing sufficient power for driving small electric vehicles at moderate speeds and distances. They offer smooth acceleration, responsive throttle control, and stable power output throughout the battery's charge cycle.

7. **Environmental Impact:** LiFePO₄ batteries are considered environmentally friendly due to their non-toxic and recyclable nature. Proper disposal and recycling of LiFePO₄ batteries help minimize environmental pollution and conserve valuable resources, contributing to sustainable transportation solutions.

In summary, electric small vehicle batteries utilizing lithium iron phosphate (LiFePO₄) chemistry offer a balance of safety, longevity, and performance, making them well-suited for powering small electric vehicles. Their stable and reliable characteristics make them an attractive choice for urban mobility and sustainable transportation solutions.

Energy Storage High Voltage

Energy storage batteries with lithium-ion technology and high voltage ratings are advanced energy storage solutions used in various applications, including grid-scale energy storage, renewable energy integration, and industrial power systems.

Here's an explanation of their key features:



- 1. Lithium-ion Technology:** These batteries utilize lithium-ion chemistry, known for its high energy density, fast charging capability, and long cycle life. Lithium-ion batteries are favored for energy storage applications due to their efficiency and reliability.
- 2. High Voltage Rating:** Energy storage batteries with high voltage ratings typically operate at voltages higher than those of standard lithium-ion batteries used in consumer electronics. High voltage allows for greater energy storage capacity and efficient power transmission over long distances, reducing energy losses during distribution.
- 3. Grid-Scale Energy Storage:** High-voltage lithium batteries are often deployed in grid-scale energy storage systems to store excess energy generated from renewable sources, such as solar and wind power. These batteries help stabilize the electrical grid, balance supply and demand, and mitigate fluctuations in renewable energy generation.
- 4. Renewable Energy Integration:** High-voltage lithium batteries play a crucial role in integrating renewable energy sources into the power grid. They store surplus energy during periods of high renewable energy production and discharge it when demand exceeds supply, ensuring grid stability and reliability.
- 5. Industrial Power Systems:** High-voltage lithium batteries are used in various industrial applications, including backup power systems for data centers, telecommunications infrastructure, and critical facilities. They provide reliable backup power during grid outages and transient voltage fluctuations, ensuring uninterrupted operation of essential equipment and services.
- 6. Modular Design:** Many high-voltage lithium batteries are designed with a modular architecture, allowing for easy scalability and integration into existing power systems. Modular battery systems can be expanded or upgraded as energy storage requirements evolve, providing flexibility and cost-effectiveness.
- 7. Advanced Management Systems:** High-voltage lithium batteries incorporate sophisticated battery management systems (BMS) to monitor and control battery performance, temperature, and state of charge. BMS systems optimize battery operation, prolonging lifespan, and ensuring safe and reliable energy storage.
- 8. Safety Features:** Safety is paramount in high-voltage lithium batteries, with built-in protections against overcharging, over-discharging, short circuits, and thermal runaway. These safety features minimize the risk of battery-related incidents and ensure safe operation in diverse environments.



Our Product



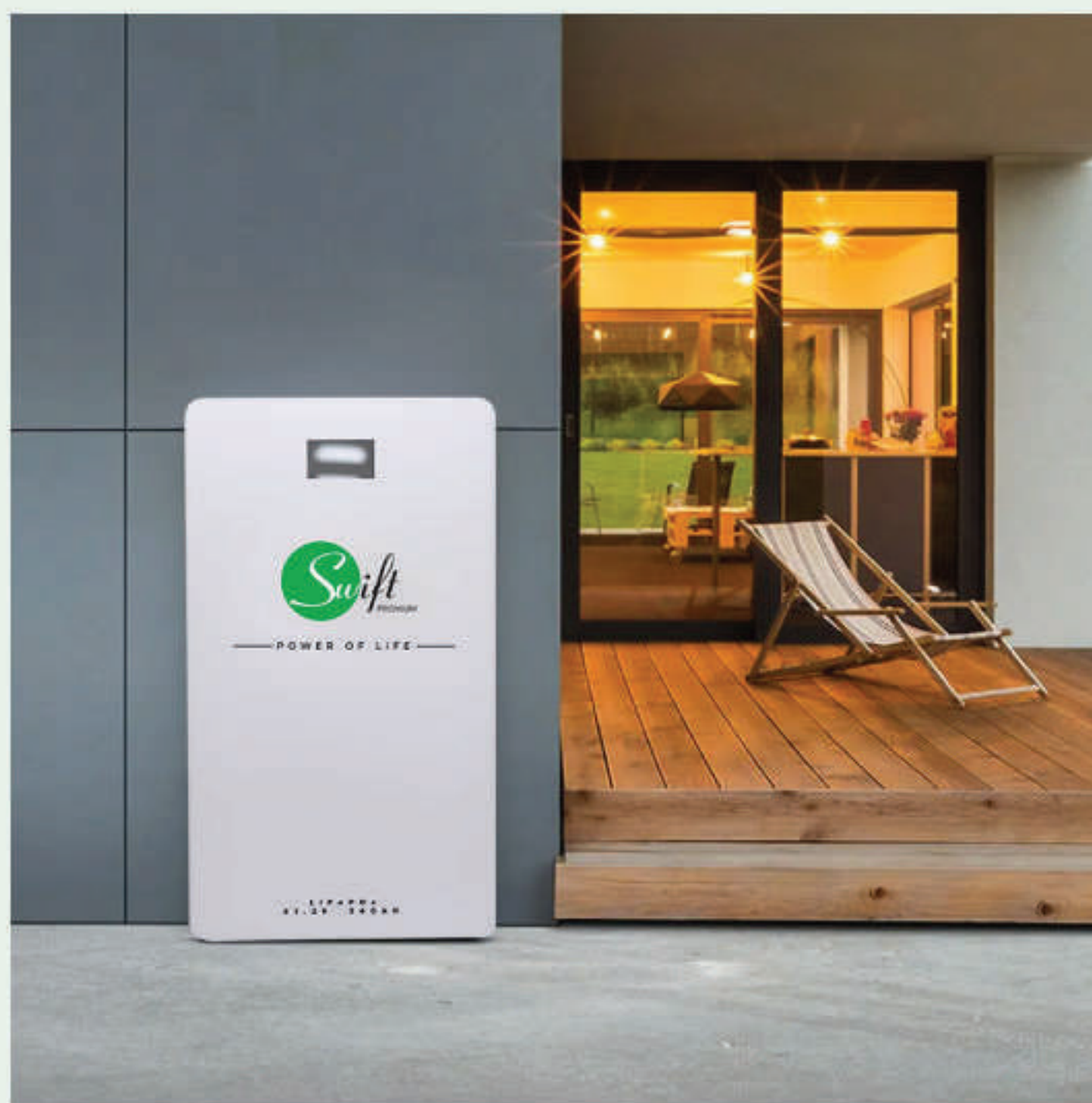
Energy Storage
High Voltage



Telecom
Battery



Portable
Power Station



Energy Storage
Low Voltage



small electric
vehicles (SEV) Battery



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