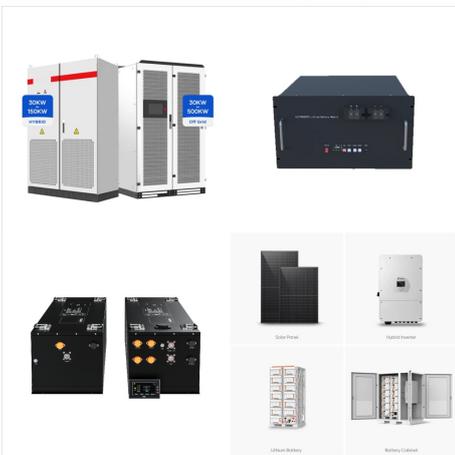




The Samsung SDI storage system is a multi-function unit. It includes a solar/battery inverter and a lithium-ion battery with a total capacity of 3.6 kWh. Larger systems are expected to be offered soon (likely in 2017).

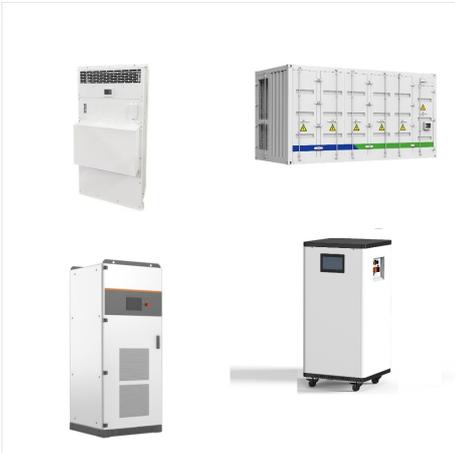


Samsung SDI is in talks with Florida energy company NextEra Energy to supply batteries for energy storage systems (ESS) in deals potentially worth 1 trillion won (\$730 million), the largest ESS



Samsung SDI Unveils New Samsung Battery Box at InterBattery Europe 2024 Company unveils 5.26-MWh Samsung Battery Box 1.5 geared with enhanced direct injection system for advanced anti-propagation Two-track strategy of NCA and LFP chemistries for utility ESS products set for 2026, along with high-power cells for UPS to accommodate data center ???

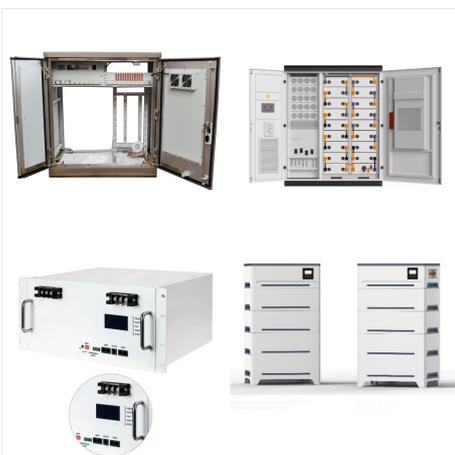
TOKELAU SAMSUNG SDI BATTERY STORAGE



Samsung SDI said Wednesday it has showcased its battery lineup, ranging from the prismatic battery P6 to the next-generation all-solid-state battery, at the Daegu International Future Auto



Samsung SDI today announced the development of a second battery production facility equipped with state-of-art and innovative lines in Seremban, Malaysia. With a total of 1.7 trillion won (RM6 billion) investment phase-by-phase until completion in 2025, Plant 2 at Samsung SDI Energy Malaysia (SDIEM) will start mass-production of PRiMX 21700



Samsung SDI | Energy Storage System 15 Total installation by 2016 USA Canada Australia Austria Canada China Germany Hong Kong India Israel Japan Kenya Korea Malaysia Switzerland UK USA Vietnam Netherland UAE Philippines Italy over 20 countries Global Track Record Since 2010, Samsung SDI 's lithium-ion battery systems are being

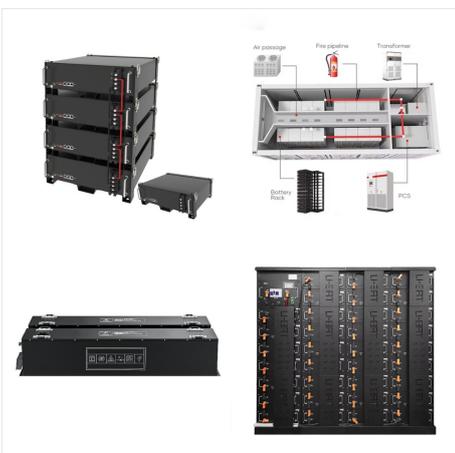
TOKELAU SAMSUNG SDI BATTERY STORAGE



Initial investment in the Samsung SDI-Sungrow Energy Storage Battery Co joint venture was said to be around US\$20 million, with Sungrow contributing around US\$6.4 million in cash to the project.



Samsung SDI showcased its upgraded Samsung Battery Box 1.5, a scalable energy storage solution designed for home or business applications, at Interbattery Europe 2024 in Germany last month. The key product in this deal is the Samsung Battery Box, an energy storage system featuring high-nickel nickel-cobalt-aluminum battery cells, modules



SAMSUNG SDI unveils full line-up of batteries for mobility, including all solid-state batteries, 46-phi cylindrical batteries, and LFP+ batteries. The company aims to lead the global mobility market with batteries that incorporate SAMSUNG SDI's "super gap" technological competitiveness. SEOUL, Korea ??? October 23, 2024 ??? SAMSUNG SDI today announced its ???

TOKELAU SAMSUNG SDI BATTERY STORAGE



The energy storage system (ESS) unit, however, had both revenue and profit go up in the second quarter thanks to robust sales of high-power products for the uninterruptible power system (UPS) solution as well as SAMSUNG Battery Box (SBB), SAMSUNG SDI's containerized ESS product for a utility-scale solution. This came amid booming data center

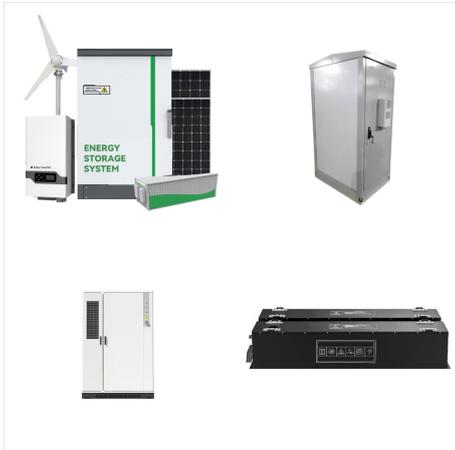


TEL +82-31-8006-3281 E-mail energy.storage@samsung Korea SAMSUNG SDI reserves the right to modify the design, packaging, specifications and features shown herein, without prior notice or obligation. Samsung SDI's lithium-ion battery for UPS is capable of supplying a large current (450A) and is compatible with major global UPS companies.



The products for which SAMSUNG SDI became the first lithium-battery maker to receive carbon footprint labeling will be on display, as well as numerous achievements made in environmental, social, and corporate governance aspects: publication of Sustainability Report for the first time in Korea back in 2003, history of being listed on Dow Jones

TOKELAU SAMSUNG SDI BATTERY STORAGE



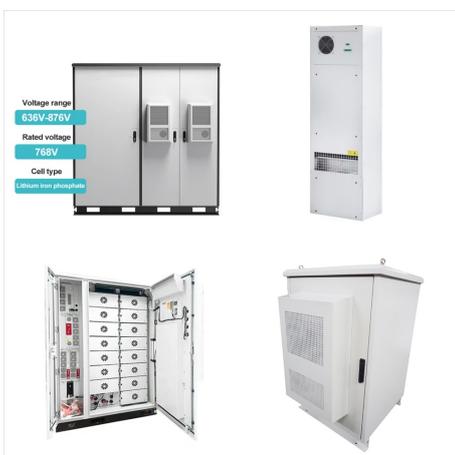
With a total of 1.7 trillion won investment phase-by-phase until completion in 2025, Plant 2 at Samsung SDI Energy Malaysia (SDIEM) will start mass-production of PRiMX 21700 cylindrical batteries (21mm X 70 mm) in 2024.

<???

> Samsung SDI's decision to construct the second factory in Malaysia



The compact and stackable design of Samsung SDI prismatic battery cells facilitates easy cell modularity and is ideal for various configurations. The Plug-in Hybrid Electric Vehicle application requires a high power performing energy storage system in combination with optimized energy density on a constant level over the long lifetime. The



Tesvolt has claimed its new commercial energy storage system pushes the boundaries of what can be achieved in such devices for modularity and safety. The company was displaying its new models, developed with and using battery cells from Samsung SDI, at last week's Energy Storage Europe show and conference in Dusseldorf, Germany.

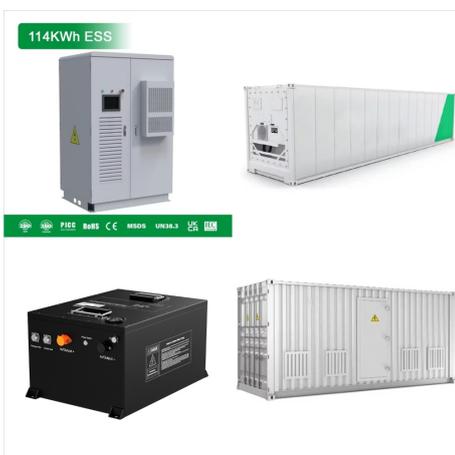
TOKELAU SAMSUNG SDI BATTERY STORAGE



Samsung SDI and inverter maker Sungrow have signed a JV agreement to build and operate a battery storage plant to service the Chinese market. Image: Samsung SDI. Meanwhile, Samsung SDI also announced in the last few days that it will partner with PV inverter manufacturer Sungrow on a lithium-ion battery storage plant to service the Chinese market.



Samsung SDI | Energy Storage System 15 Total Installation by 2015 USA Canada Australia Austria Canada China Germany Hong Kong India Israel Japan Kenya Korea Malaysia Switzerland UK USA Vietnam Netherland UAE Philippines Italy 500+ MWh over 20 countries Global Track Record Since 2010, Samsung SDI 's lithium-ion battery systems are being



Battery Products, the "New Normal" of Cylindrical Batteries Utility???Residential ESS with Remarkably Improved Capacities Diverse Electric Vehicle(EV) Batteries advancing the full-fledged EV era <???p> Samsung SDI featured a wide range of high-performance batteries during the InterBattery 2017, including the cylindrical 21700 model.<???p><p>& nbsp;<???p><p>InterBattery ???

TOKELAU SAMSUNG SDI BATTERY STORAGE



The Small-Sized Li-ion Battery division develops and sells battery products such as cylindrical, prismatic-, and polymer-type batteries. This emerging market is accelerating through the growing demand in smart phones and tablets.

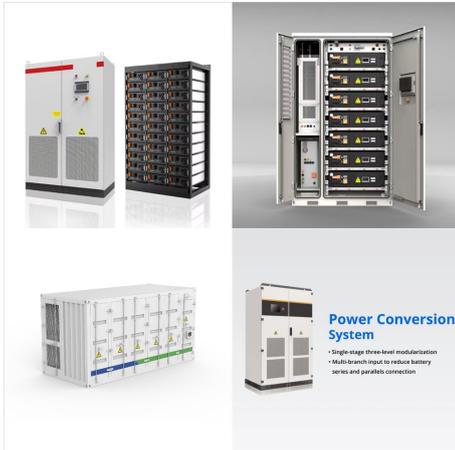


ESS Batteries by Samsung SDI Top Safety & Reliability Solutions 3655 North 1st Street, San Jose, CA 95134, USA TEL +1-408-544-4935 E-mail g.kusaba@samsung USA GERMANY Reichenbachstrasse 2, 85737 Ismaning, Germany TEL +49-89-9292-7799(19) E-mail sintaek.yim@samsung (108-0075) Shinagawa Grand Central Tower 9F, 2-16-4, Konan, ???



Smart Battery Systems for Energy Storage. Creative Energy & Materials Solution Leader ??,??????
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TOKELAU SAMSUNG SDI BATTERY STORAGE



Meeting the test criteria also means battery racks "can be installed without needing to add separate fire-fighting system(s)," Samsung SDI said in a release sent today to Energy-Storage.news. UL9540A testing is applied to rack-level safety with an optional battery system safety test. Samsung SDI is the first to meet the rack-level requirements.



Batteries as the driver of efficient energy management. Energy storage systems (ESS) store and supply electricity when needed. SAMSUNG SDI presents a holistic range of ESS battery products spanning from a household solution and a utility, commercial, and industrial solution integrated with renewable energy sources to an uninterruptible power supply (UPS) solution designed for ???



Samsung SDI having 6,645 patents in total leads future business energy market based on world-class technology leadership. As a lithium-ion battery solution provider, Samsung SDI has acquired a number of safety-related certifications from unit cell to battery system in Korea, USA, Europe, Japan, Australia, etc. Technology Leadership Patent status*

TOKELAU SAMSUNG SDI BATTERY STORAGE



SAMSUNG SDI SUSTAINABILITY REPORT 2023
Business Overview ESS Energy Storage System
Business Summary Samsung SDI applies our technology and manufacturing process tested and proven in our EV battery business to ESS battery to secure high market shares and deliver reliable product quality.



SAMSUNG SDI 04 / 05 Samsung SDI All-in-One 6 ~ 10 kWp 3 ~ 6,6 kWp 3 ~ 6,6 kWp AIO Series 5 Single Phase 5,5kWh AIO Series 3 Single Phase 3,6kWh AIO Series 8 Three Phase 8,0kWh All-in-One Series Experiences Samsung SDI All-in-One Samsung SDI's ESS is based on world best lithium-ion cells applied in cutting edge IT devices and automotives.



2. SAMSUNG SDI's prismatic lithium-ion batteries store high-capacity energy, and are designed for ESS, xEV and built with a battery management unit that reduces the risk of thermal runaway. Lithium-ion batteries manufactured by SAMSUNG SDI are not to be sold to individual consumers, but to battery pack manufacturers or system integrators only.

TOKELAU SAMSUNG SDI BATTERY STORAGE



SAMSUNG SDI-ESS (Lithium-ion storage 3.6 kWh) LI-ION BATTERY SOLUTION FOR HOMES. All-in-one solution for homes Meet Samsung SDI's newest All-in-one energy solution that can be directly connected to your PV system.



The easy-to-install SAMSUNG SDI ESS storage system tested by the VDE is an All-In-One solution for homeowners based on a lithium ion battery and was introduced to the market in June 2014. With the storage system homeowners achieve an optimized self-consumption, providing self-generated electricity when it is needed.