

## European Solar and Energy Storage Solutions

# Singapore lithium battery facility



## Overview

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Does TES recycle lithium batteries in Singapore?

SINGAPORE, 24 March 2021 — E-waste recycling giant TES officially opened its multimillion-dollar, state-of-the-art facility today to recycle lithium batteries in Singapore.

Why should Singapore invest in a lithium-ion battery recycling facility?

The facility will help build up the capacity for the recycling of lithium-ion batteries in Singapore and allow the recovery of precious materials. It will also support Singapore's move towards phasing out internal combustion engine (ICE) vehicles in favour of cleaner energy vehicles like electric ones.

Is TES B a good place to recycle lithium batteries?

General manager George Wu added that TES B is "probably the only established facility" for lithium battery recycling for the EPR scheme in Singapore. The facility is also able to recycle information and communications technology (ICT) devices. "For the others, we're definitely looking for future opportunities and ways to expand our capacities."

How many batteries can be recycled a day in Singapore?

ST PHOTO: NG SOR LUAN SINGAPORE - A new battery recycling facility capable of recycling 14 tonnes of lithium-ion batteries - or the equivalent of 280,000 smartphone batteries - per day officially opened in Tuas on Wednesday (March 24).

How many metric tons can a lithium-ion battery recycle a year?

The lithium-ion battery recycling plant can recycle up to 5,000 metric tons annually. TES has opened a multimillion-dollar facility to recycle lithium batteries in Singapore, which is also where the global electronics recycling company is headquartered.

Why is battery recycling important in Singapore?

The recycling of batteries supports Singapore's goals to build a circular economy, and to reduce the amount of waste sent to our only landfill, Semakau Landfill. This supports our 2030 goal of reducing the amount of waste sent to landfill by 30%. 6 KGS battery recycling plant is the 3rd battery recycling plant in Singapore.

## Singapore lithium battery facility



### Green Li-ion

A passionate inventor with over 10 years industry exposure to the hydrometallurgical processing of lithium-ion batteries with a Ph.D from the National University of Singapore. He developed Green Li-ion's novel battery rejuvenation technology.

### New lithium-ion battery recycling facility to be set up by e ...

The facility, named TES B, is expected to cover 10,000 sq m, and cost about \$20 million. It will recycle 14 tonnes of lithium-ion batteries a day, allowing precious metals from the batteries to be reused to make new ones.



### Official Opening of TES-B Plant

2 Singapore generates about 60,000 tonnes of e-waste a year. This is equivalent to each person discarding about 70 mobile phones per year. The opening of the TES-B plant is timely, given the increase in used lithium batteries. The facility will have an annual recycling capacity of 5,000 tonnes of lithium-ion batteries. The plant is able to

### Fire at Digital Realty Singapore datacenter disrupts clouds

A spokesperson for Digital Realty, which operates the facility, told us it "became aware of a fire alarm being triggered at our SIN11 datacenter at 0745 on September 10, 2024. The abnormality was caused by the explosion of lithium batteries. Singapore's Civil Defence Force responded to the fire, and businesses affected by the blaze at



- IP65/IP55 OUTDOOR CABINET
- WATERPROOF OUTDOOR CABINET
- 42U/27U
- OUTDOOR BATTERY CABINET

## Southeast Asia's First Battery Recycling Facility in ...

SINGAPORE, 24 March 2021 -- E-waste recycling giant TES officially opened its multimillion-dollar, state-of-the-art facility today to recycle lithium batteries in Singapore. Known as TES B, the plant is the first of its kind in Southeast Asia ...

## Massive Battery Recycling Facility Opens in Singapore

E-waste recycling company TES announced the opening of a multi-million-dollar facility to recycle lithium batteries in Singapore. Known as TES B, the plant is the first of its kind in Southeast Asia, with the capacity to recycle up to 14 tonnes or the equivalent of 280,000 lithium-ion smartphone batteries a day.



## Southeast Asia's First Battery Recycling Facility in Singapore

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the equivalent of 280,000 lithium-ion



## SK Tes opens battery recycling facility in Europe

SK Tes, a Singapore-based business unit of South Korea's SK Ecoplant, has opened the doors on a lithium-ion and electric vehicle (EV) battery recycling facility in the Netherlands it says is designed to meet the "surging demand" for battery materials in the EV market.. The new Rotterdam facility, initially some 10,000 square meters (107,000 square feet) ...



## Opening of the KGS Battery Plant

The scheme was implemented since July 2021 and ensures that lithium-ion batteries are collected and properly treated at licensed e-waste recycling facilities in Singapore like KGS. These batteries contain metals such as lithium, cobalt, copper, aluminium, and nickel which can be recovered and further refined to produce new batteries.

## New battery recycling plant opens in Singapore

E-waste recycler TES opened a multi-million-dollar state-of-the-art facility to recycle lithium batteries in Singapore on March 24. Known as

TES B, the plant is the first of its kind in Southeast Asia, with the capacity to recycle ...



## Repurposing of Lithium-ion Batteries

Lithium Battery Recycling o Proprietary technology to recycle lithium-ion batteries, recovering metals such as cobalt, copper and lithium. with the capability of processing waste battery powders. Singapore facility capable of recycling 14 tonnes per day. Singapore Battery Recycling Ecosystem Advanced redox process for extraction of FePO 4

## TES Announces Expansive New Battery Recycling Services

SINGAPORE (06 November 2019) -Today, TES announced the opening of two new battery recycling facilities - TES B in Singapore and Recupyl in Grenoble, France. The approximately \$25 million investment positions TES as a leader in the lithium battery recycling market and the growing second life battery space.



## TES opens S\$30m facility to recycle lithium batteries

TES B is the first of its kind in South-east Asia and has the daily capacity to recycle up to 14,000 tonnes or the equivalent of 280,000 lithium-ion smartphone batteries. The facility

uses a combination of mechanical equipment and hydrometallurgical processes to recover precious metals such as nickel, lithium, and cobalt.



## 24 hours on, firefighters still at Digital Realty's Singapore data

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Despite Singapore Civil Defence Force's (SCDF) in a CNA report last night, SCDF confirmed the fire involved lithium-ion batteries housed in battery rooms on the third floor of a four-story building. However, Digital Realty clarified that the facility, SIN11, was launched in 2016, prior to the implementation of the SCDF safety standards in



### OEM service

Hot Colors:



Color can be customized  
more questions just do not hesitate to contact us

LOGO Position: (Screen printing)



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## New battery recycling facility in Tuas a first in Singapore and

...

The TES B facility, set up by home-grown electronic waste (e-waste) recycler TES, is able

to recover more than 90 per cent of precious metals from lithium-ion batteries for reuse in battery



## New Lithium ion & EV Battery Recycling Facility Opens in Singapore ...

Our innovative battery recycling process at TES B in Singapore (and our European sister facility in Grenoble, France) closes the loop on the take-make-dispose model widely used in the lithium battery manufacture and disposal chain.

## Opening of the KGS Battery Plant

The commissioning of KGS' new battery recycling facility today will add an annual recycling capacity of 2,600 tonnes of lithium-ion batteries to our overall local recycling capability to manage end-of-life EV batteries. Together with other EV battery recycling facilities in Singapore that have a combined recycling capacity of 8,600 tonnes



## Energizer opens new battery production lines in ...

On 14 May 2018, Energizer celebrated the addition of new battery production lines to its manufacturing facility in Singapore. The new production lines for alkaline batteries will see

Energizer deploy best-in-class technologies that will ...



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Higher Anti-Rust Performance  
Lower Internal Impedance



## SK tes Battery Recycling Singapore Facility Video Tour [Video]

[Video] SK tes Battery Recycling Facility Video Tour in Singapore 10/10/2021 - 0 minute read Discover how our 'SK tes B' Battery Recycling Facility in Singapore, is closing the loop on lithium batteries.

## TES opens battery recycling plant in Singapore

TES has opened a multimillion-dollar facility to recycle lithium batteries in Singapore, which is also where the global electronics recycling company is headquartered. Known as TES B, the plant can recycle up to 14 metric tons, or the

equivalent of 280,000 lithium-ion smartphone batteries, daily using a combination of mechanical equipment and



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