

**BLINK SOLAR**

# **Singapore MRT station uses 60kWh photovoltaic folding container**



## Overview

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Where can solar panels be installed in Singapore?

The Land Transport Authority (LTA) has contracted Sunseap Leasing to install additional solar panels at mass rapid transit (MRT) stations, train and bus depots across Singapore. Some of the key locations include the Buona Vista MRT station, Dhoby Ghaut MRT station, Sengkang Depot and Tuas Bus Terminal.

How much solar power does Buona Vista MRT provide?

This includes Buona Vista MRT station, Dhoby Ghaut MRT station, Sengkang Depot and Tuas Bus Terminal, among others. The solar panels will provide solar capacity of up to 7.9 megawatt peak (MWp) or up to 8.5 gigawatt-hours a year, equivalent to supporting the charging needs of up to 113 single-deck electric buses for a year.

How to keep MRT stations Cool in Singapore?

One of the biggest challenges is to keep MRT stations cool in Singapore's humid climate—and to not use too much energy to do it! For our stations located underground, this is done by installing platform screen doors and using an energy-efficient system design to reduce air-conditioning energy consumption.

How do MRT stations save energy?

For stations located above ground, passive cooling strategies are employed. Some tap on High-Volume, Low-Speed (HVLS) fans and others leverage the greenery woven into the building façade to reduce heat. Where possible, MRT stations are also designed to tap on natural ventilation and sunlight to save energy.

## Singapore MRT station uses 60kWh photovoltaic folding container

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### **mobile solar container stores photovoltaic ...**

the foldable photovoltaic panels are tucked inside a mobile solar container  
The mobile solar container can take up to five hours to ...

### **LTA , We've Got the Chops for Green Ops!**

LTA deploys solar photovoltaic (PV) systems on the roofs of new and newly upgraded land transport infrastructure. We are committed to deploying 16 MWp by 2025 and ...

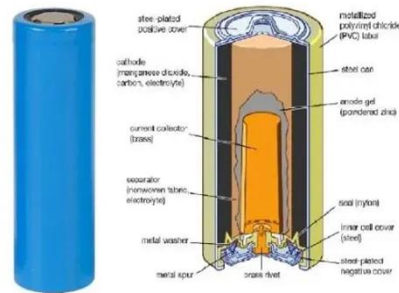


### **Solar panels to be installed at MRT stations and bus depots in Singapore**

The Land Transport Authority (LTA) has contracted Sunseap Leasing to install additional solar panels at mass rapid transit (MRT) stations, train and bus depots across ...

## Singapore Mass Rail Transit Depot in Solar ...

(Photo credit: EDPR Sunseap)(Photo credit: EDPR Sunseap) EDPR Sunseap and SMRT Trains (SMRT) have expanded their agreement to ...



## Decarbonisation at SMRT , SMRT

Decarbonisation in Action SMRT recognises the importance of reducing our carbon footprint and have made conscious efforts such as infrastructure ...

## Singapore Mass Rail Transit Depot in Solar Power Deal With ...

(Photo credit: EDPR Sunseap)(Photo credit: EDPR Sunseap) EDPR Sunseap and SMRT Trains (SMRT) have expanded their agreement to power SMRT's Bishan Depot with solar energy. ...



## More solar panels to be rolled out in MRT stations, train and ...

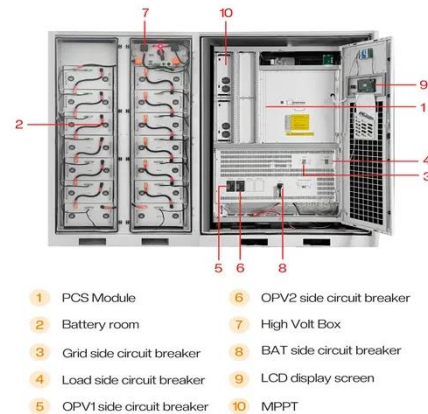
SINGAPORE - More MRT stations, train and bus depots will have solar panels



installed on their rooftops to cut carbon emissions. This includes Buona Vista MRT station, ...

## Decarbonisation at SMRT , SMRT

Decarbonisation in Action SMRT recognises the importance of reducing our carbon footprint and have made conscious efforts such as infrastructure rejuvenation, harnessing renewable ...



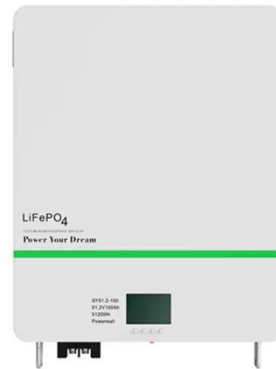
## SMRT Goes Clean: Bishan train depot to be powered by solar

In a major step forward for utilising clean energy, give props to SMRT for their plan to run their Bishan MRT Depot on renewable solar energy by the end of the year. In a ...

## More solar panels to be rolled out in MRT ...

SINGAPORE - More MRT stations, train and bus depots will have solar panels

installed on their rooftops to cut carbon emissions. This ...



### **SMRT Goes Clean: Bishan train depot to be ...**

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### **Stations, stations on the tracks, which is the greenest of ...**

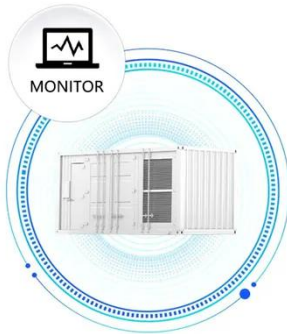
What makes Singapore MRT stations green, and which stations are at the top of the sustainability charts? All aboard the ride to a greener nation! You've probably heard that taking ...



### **Green Efforts**

**Greener Train Depot and Trains** The new Downtown Line depot at Gali Batu is an environmentally friendly building and the

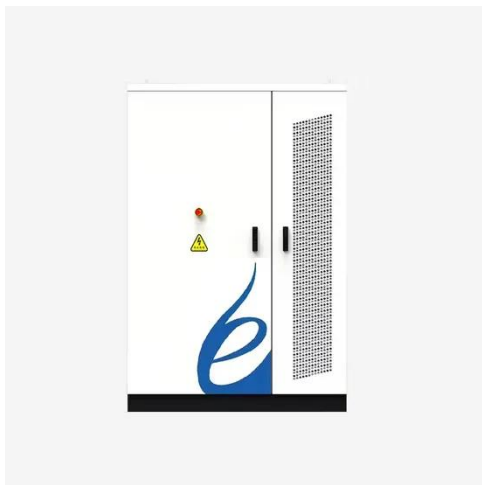
**SUPPORT REAL-TIME ONLINE  
MONITORING OF SYSTEM STATUS**



first MRT depot in Singapore to achieve the Building and Construction ...

## mobile solar container stores photovoltaic panels that fold ...

the foldable photovoltaic panels are tucked inside a mobile solar container. The mobile solar container can take up to five hours to assemble and make it operational.



## More solar panels to be rolled out in MRT stations, train

We are glad to have been awarded the latest Land Transport Authority (LTA) Singapore tender to install up to 7.9 MegaWatt Peak (MWp) of solar on the rooftops of MRT ...

## Contact Us

For catalog requests, pricing, or partnerships, please contact:

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