

## European Solar and Energy Storage Solutions

# South Africa elysia battery intelligence



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### APPLICATION SCENARIOS

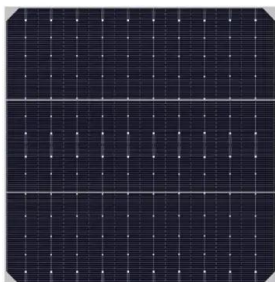


## Elysia Battery Intelligence & WAE Technologies

Elysia is the world-leading battery intelligence offering from WAE Technologies (formerly Williams Advanced Engineering). Drawing on over a decade of high-performance battery expertise from WAE, who have designed and manufactured the world's most advanced batteries - from global electric motorsport programmes to electric mining trucks - Elysia provides OEMs, battery ...

## WAE Technologies launches Elysia battery intelligence software ...

WAE Technologies (WAE) has launched Elysia, its battery intelligence software offering designed to unlock significant improvements in the life, safety, usable energy, power, and rapid charging times of any battery system. Elysia draws on WAE's experience in high-performance batteries, gleaned from the sole supply of batteries to electric motorsport series, ...



## WAE Technologies Introduces Elysia, the Revolutionary ...

What's Happening: WAE Technologies has launched Elysia, a cutting-edge battery intelligence software designed to significantly enhance the life, safety, usable energy, power, and rapid charging capabilities of any ...

## JLR to use Fortescue EV battery intelligence software

JLR has signed a multi-year deal to use Fortescue's Elysia battery intelligence software in its next-generation EVs (electric vehicles) starting with the new Land Rover Range Rover Electric launching later this year. The software will monitor and help enhance the EVs with improved battery longevity, safety, and performance for a better ownership experience via ...



## WAE Technologies launches Elysia: pioneering battery intelligence ...

WAE Technologies (WAE), the world-leading technology and engineering services business, today launches Elysia, its Battery Intelligence software offering designed to unlock significant improvements in the life, safety, usable energy, power, and rapid charging times of any battery system.

## WAE Technologies launches Elysia: Pioneering Battery ...

Elysia brings game-changing battery insight, management, and optimisation of batteries to the mass market for the first time, from the automotive, commercial vehicle and e-mobility sectors to stationary energy storage and ...

### Highvoltage Battery



## WAE Technologies Launches Elysia: Pioneering Battery Intelligence ...



Elysia Embedded is a suite of state-of-the-art battery management algorithms, which run locally on the Battery Management System (BMS) - for example directly on an EV's battery or on a stationary energy storage system. Its best-in-class BMS algorithms help OEMs to increase vehicle range, enable faster charging, and maximise battery power

## Elysia Battery Intelligence & WAE Technologies

Through the Elysia Embedded suite of best-in-class BMS algorithms and a powerful battery analytics Cloud Platform, Elysia unlocks the untapped potential of batteries - enhancing safety, extending lifetime and optimising performance from any battery system and cell chemistry.



## WAE TECHNOLOGIES LAUNCHES ELYSIA: PIONEERING ...

WAE Technologies (WAE) launches Elysia®, the latest in Battery Intelligence for the energy storage market, automotive and micromobility; Drawing on more than a decade of high-performance battery expertise from ...

## Case Studies

Elysia's Embedded algorithms enable fast charging of the 1.4MWh battery system within 30 minutes, whilst ensuring minimal downtime through always-on balancing. The Elysia Cloud Platform supports remote monitoring of battery health and life forecasting, whilst safety is ensured through advanced prognostic algorithms

which analyse every



## WAE Technologies Launches ELYSIA: Pioneering ...

Elysia brings game-changing battery insight, management, and optimisation of batteries to the mass market for the first time, from the automotive, commercial vehicle and e-mobility sectors to stationary energy storage and ...

## The UK's WAE Technologies Launches Elysia

WAE Technologies (WAE), a UK technology and engineering services business, has launched Elysia, its Battery Intelligence software unit. Elysia is designed to improve the life, safety, usable We use cookies (and equivalent technologies) to collect and analyse information on site's performance and to enable the site to function.



## WAE TECHNOLOGIES LAUNCHES ELYSIA: PIONEERING ...

Tuesday, 13 th June 2023: WAE Technologies (WAE), the world-leading technology and engineering services business, has recently launched Elysia, its Battery Intelligence software

designed to unlock significant improvements in ...



## Elysia Battery Intelligence

Elysia's cutting-edge battery intelligence software, shaped by over a decade of motorsport expertise, enhances battery longevity, performance and safety. Our unique software and cloud tools provide OEMs, operators and financiers the insights to manage, optimise and enhance battery performance throughout its entire life cycle.



## Elysia aims to unlock MaaS with battery intelligence

Elysia's battery intelligence technologies comes from WAE's experience in high-performance batteries from supplying the electric motorsport series, and the development of batteries for electric hyper-cars and mining trucks. National Grid Electricity Distribution brings energy to life for 25 million customers in the South West, Midlands

## WAE TECHNOLOGIES LAUNCHES ELYSIA: PIONEERING BATTERY INTELLIGENCE ...

WAE Technologies (WAE) launches Elysia®, the

latest in Battery Intelligence for the energy storage market, automotive and micromobility; Drawing on more than a decade of high-performance battery expertise from the racetrack and mining Elysia brings game-changing insight to the most fundamental asset for an energy storage business



## WAE Technologies launches Elysia

WAE Technologies (WAE), the world-leading technology and engineering services business, today launches Elysia, its Battery Intelligence software offering designed to unlock significant improvements in the life, safety, usable energy, power, and rapid charging times of any battery system. Elysia brings game-changing battery insight, management, and ...

## WAE Technologies launches Elysia: pioneering battery ...

WAE Technologies (WAE), the world-leading technology and engineering services business, today launches Elysia, its Battery Intelligence software offering designed to unlock significant improvements in the life, ...



## WAE Technologies Launches ELYSIA: Pioneering Battery Intelligence ...

WAE Technologies (WAE) launches Elysia®, the latest in Battery Intelligence for the mass market, from the automotive, commercial vehicle and e-mobility sectors to stationary energy



storage and beyond o Drawing on more than a decade of high-performance battery expertise from the racetrack, Elysia brings game-changing insight to the most fundamental ...

## WAE Technologies Launches ELYSIA: Pioneering Battery Intelligence ...

Elysia brings game-changing battery insight, management, and optimisation of batteries to the mass market for the first time, from the automotive, commercial vehicle and e-mobility sectors to stationary energy storage and beyond, unleashing the potential of the most fundamental component of an electric vehicle: the battery. Elysia draws on WAE

### Commercial and Industrial ESS

Air Cooling / Liquid Cooling

- Budget Friendly Solution
- Renewable Energy Integration
- Modular Design for Flexible Expansion



## Elysia

By providing a complete picture of the battery's state of health, it brings much-needed transparency, while enabling accurate verification of degradation and in-life fault-finding, offering the potential to revolutionise the second-life battery market. Elysia is built upon a unique combination of AI and data science, fused with

## WAE Technologies adds Elysia: Pioneering battery ...

WAE Technologies (WAE), the world-leading technology and engineering services business, has launched Elysia, its Battery Intelligence

software offering designed to unlock significant improvements in the life, ...



## WAE Technologies adds Elysia: Pioneering battery intelligence to ...

WAE Technologies (WAE), the world-leading technology and engineering services business, has launched Elysia, its Battery Intelligence software offering designed to unlock significant improvements in the life, safety, usable energy, power, and rapid charging times of any battery system.

## WAE Technologies launches Elysia: Pioneering Battery Intelligence ...

Elysia brings game-changing battery insight, management, and optimisation of batteries to the mass market for the first time, from the automotive, commercial vehicle and e-mobility sectors to stationary energy storage and beyond, unleashing the potential of the most fundamental component of an electric vehicle: the battery. Elysia draws on WAE



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