

Who is Sundrive?

More news... SunDrive is a solar technology company based in South Sydney, Australia. We're creating unique solutions to reduce the cost of high-efficiency solar cells, whilst enhancing their performance and sustainability by utilising more abundant materials.

Who are Trina Solar & Sundrive solar?

From pv magazine Australia Trina Solar has teamed up with SunDrive Solar to establish a commercial-scale PV module manufacturing facility in the Australian state of New South Wales and accelerate the development of the Sydney-based company's copper-based solar cell technology.

What happened to Sundrive solar?

Sundrive Solar, a Sydney-based copper-plated solar cell manufacturer, has announced a restructuring plan as a necessary step to the next phase of commercialization. A number of employees have been laid off. CEO Vincent Allen has assumed the role of chief technical officer, replaced by former Chief Operating Officer Natalie Malligan.

How efficient is Sundrive's HJT solar cell?

More recently, Sundrive said it had achieved an efficiency result of 26.41% on a full-size silicon heterojunction (HJT) solar cell featuring its copper-based technology.

Why did Sundrive restructure?

Australian solar cell innovator Sundrive has announced job cuts, a change of leadership and restructure of the business to prepare for commercialisation of its copper electrode technology.

Is Australia's Sundrive a silver-free heterojunction cell?

A new scientific paper takes a closer look at the record-breaking efficiency that Australia's Sundrive announced for a silver-free heterojunction cell in September 2021, as certified by Germany's Institute for Solar Energy Research. Sydney-based startup SunDrive is already a beneficiary of \$2 million in ARENA grants and funds.

SunDrive Solar, a Sydney-based startup working to replace the silver in solar cells with copper, has been allocated \$11 million (USD 7 million) by ARENA to expand its metallised cell production to a commercial scale of more than 100 MW per annum. Few details or timeframes for the scaling have been provided, however.

Sydney-based Australian copper-plated solar cells innovator Sundrive Solar, has announced a restructure of the company, which it explains as a necessary precursor to the next phase of commercialisation.

SunDrive said fabricating the solar cell electrodes using the company's copper plating technology rather than traditional silver screen printing had also played a key role in the efficiency improvements. SunDrive, which replaces the silver used in conventional solar cells with the cheaper and more abundant copper, said it has refined its ...

SunDrive is an Australia-based company that creates solutions to reduce the cost of high-efficiency solar cells, whilst enhancing their performance and sustainability by utilizing more abundant materials. The Company is working to develop ultra-efficient passivated contact solar technology which is free of silver and is mainly focused on copper solar cells.

By combining these benefits, SunDrive is aiming to produce one of the world's most advanced solar modules at an installed price that is 20-30 per cent cheaper than other high efficiency solar modules on the market. SunDrive ...

Australian solar cell specialist Sundrive Solar has announced job cuts, a change of leadership, and the restructuring of its business to prepare for the commercialization of its copper electrode ...

Australian solar technology company SunDrive Solar on Monday said it has signed a memorandum of understanding (MoU) with Chinese solar manufacturer Trina Solar Co Ltd (SHA:688599) to form a majority Australian-owned joint venture (JV) with the aim of establishing solar manufacturing capabilities in Australia.

Sydney-headquartered solar technology company SunDrive Solar has achieved a copper plating production yield of more than 99% at its commercial pilot facility in Sydney, turning the cells into modules. SunDrive has developed a cell metallisation technology that uses copper, which is approximately 100x cheaper and 1,000x more abundant than ...

SunDrive is a solar technology start-up based in South Sydney, Australia. We're creating unique solutions to reduce the cost of high-efficiency solar cells, whilst enhancing their performance and sustainability by utilising more abundant materials. We've grown from a small PhD project in a garage to producing some of the most efficient solar cells ever made in the world.

SunDrive Solar, the company he co-founded in 2015 based on this research, proved this week that it has produced one of the most efficient solar cells of all time, according to a leading independent testing laboratory. And ...

SunDrive Solar is excited to announce a major step forward for Australia's solar manufacturing future! We're joining forces with Trinasolar to accelerate solar technology deployment and build an integrated Australian solar supply chain. ? Combining SunDrive's world-class innovation with Trina's global manufacturing expertise, we're set to transform Australia's solar industry.

SunDrive Solar, Australia's leader in solar innovation, and Trinasolar, one of the world's largest solar

manufacturers, have signed a Memorandum of Understanding (MoU) to form a majority Australian-owned joint venture (JV). This JV aims to establish cutting-edge solar manufacturing capabilities in Australia. This strategic collaboration ...

SunDrive Solar, a Sydney-based startup working to replace the silver in solar cells with copper, has obtained AUD 11 million (\$7 million) from Australian Renewable Energy Agency (ARENA) to expand ...

If established, the facility is expected to be the first of its kind in Australia with AGL to explore an agreement to buy SunDrive panels for its customers. AGL is a leading supplier of solar to both commercial and industrial with 600,000 customers, both residential and business, that use its solar services.

World-beating Australian solar technology company SunDrive has completed a new \$21 million (USD 13 million) funding round which will help commercialise its revolutionary solar cell technology that replaces silver with copper ...

Sydney-based Australian copper-plated solar cells [2] innovator Sundrive Solar, has announced a restructure of the company, which it explains as a necessary precursor to the next phase of commercialisation.. A number of employees have been laid off and Co-founder and Chief Executive Officer Vincent Allen has assumed the role of Chief Technical Officer, replaced ...

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