



**Joint Press Release**  
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**V-PLUS AGRITECH PARTNERS BRITE SOLAR TO BRING TRANSPARENT  
AGRI-PHOTOVOLTAICS (AGRI-PV) TO SE ASIA & OCEANIA**

V-Plus Agritech is pleased to announce that we have entered into an agreement with Brite Solar from 1 Aug 22 to distribute transparent solar panels, also known as agricultural photovoltaics (Agri-PVs) to SouthEast Asia, Australia and New Zealand. For the first time, farmers need not choose between using their land for growing crops or energy generation—they can do both. The potential of building net-zero farms is now a possibility. Land scarce cities like Singapore can further extend its solar deployment to farmlands. With local farms struggling under the recent spike in energy prices, such an innovation might well help to ease operating costs. The Agri-PVs, known as ‘Solar Glass’<sup>1</sup> by Brite Solar, has won numerous European innovation awards and also received investments from the European Innovation Council.

Mr. Nelson Tan, CEO of V-Plus Agritech said: “We are thrilled to partner with Brite Solar as we push for circular agriculture in the region. This technology will benefit our farmers by making farms more sustainable, economically viable and environmentally responsible for future generations.”

Dr Nick Kanopoulos, CEO of Brite Solar said, “We are very enthusiastic for our engagement with V-Plus Agritech for bringing Agri-PV to Singapore and South East Asia in order to facilitate the decarbonization of agriculture, while protecting crop yield and managing water usage with our designed structure. Installing Agri-PV can drastically alleviate the energy cost for farming operations which is largely responsible for the high food prices we see today”.

The solar glass comes in various light transmittance ranging from 80% to 8% and power generation from 100Wp to 450Wp. This will allow the most suitable light transmittance to be matched to the needs of the crops grown by farmers. It has a high solar cell power conversion efficiency of >22%, which puts it in the league of top tier solar PVs.

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<sup>1</sup> Also known by its trademark name ‘PanePower’

**About V-Plus Agritech Pte Ltd**

V-plus Agritech empowers farmers and smallholders to grow more with less through our proven circular aquaponics farming method, focusing on producing quality food sustainably and naturally in local communities while reducing carbon emissions. We are a licensed vegetable, fish and shrimp producer in Singapore.

**About Brite Solar**

Brite Solar is a nanotechnology company. Brite develops innovative coatings and deposition methods to deliver glass products which play an active role in energy management, either in energy generation or energy use reduction. Brite's award-winning products include Solar Glass for agriculture and Electrochromic-Dynamic Glass for building use.

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