



- Press Release -

PON POWER INTRODUCES CAT SOLAR PV PANELS

Pon Power enters the renewable energy market with Cat Solar.

Driven by the developments surrounding the energy transition, Pon Power and Caterpillar have taken the next step in the development of cleaner energy sources. In addition to emission reduction by means of more efficient and cleaner engines, Pon Power also focuses on reducing emissions through alternative sources. With the introduction of the Cat Solar PV panels, Pon Power is the first European Caterpillar dealership to offer businesses and public-sector organisations a sustainable power generation alternative.

Higher output

The Cat Solar PV panels use the *Thin Film Technology Advantage*. The output of a Thin Film module system can be up to 10% higher than that of the best multicrystalline solar systems. In addition, Thin Film systems hold the current world record in CdTe PV module efficiency – with potential gains of up to 18.2% – for more advanced large modules. Cat Solar PV panels offer the option of installing larger capacities on a relatively small grid connection. Moreover, the innovative system allows for more capacity to be installed on a smaller roof. The PV panels are a US product and are fully US-developed, with both construction quality and innovative design being key starting points. The Cat Solar PV panels also produce more energy in hot climates, damp conditions or shade, resulting in lower operating costs.

Comprehensive solution

Cat Solar PV panels can be fully integrated in existing installations, such as a cogeneration system or emergency power supply. De Cat Solar PV panels also come with Cat warranty, with monitoring and performance control available as options.

Market gardener Diepstraten first client to install Cat Solar

Jan Diepstraten, owner of a market gardening business in the Dutch town of Etten-Leur: “Much of the work here is done by foreign seasonal workers. *To provide them with accommodation, we wanted to build residential accommodation on our premises, measuring 42×18 meters. The municipal authority approved our application, on condition that a sustainable energy supply system would be installed. That was a great idea, but we had no experience in this area.*” Because Diepstraten already had a Cat cogeneration system, it did not take long before a possible link with Cat Solar came up. The annual energy output of the 1011 Cat Solar PV panels installed amounts to an impressive 112.5 MWh per year, which is more than Diepstraten needed. The excess is fed back into the electricity grid, enabling the company to partially recover its investment.

About Pon Power

Pon Power B.V. is an operating company of family business Pon and has been the official dealer of Caterpillar engines and power systems for the Netherlands since 1926. Pon Power is the market leader for energy solutions and because of its extensive market-specific knowledge, the company not only offers engines or generators, but also tailored advice from dedicated consultants with a thorough understanding



of the customer's situation, fast service through Caterpillar's global service network and an extensive range of maintenance services. For more information, please visit pon-cat.com

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Note to editors (not for publication):

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