Trinasolar
Smart Energy Together

Lyreco National Distribution Centre

Telford, United Kingdom

Lean, clean and green: Cashing in on Solar PV with a Power Purchase Agreement

3.8^{MWp}	**1,700,000**$^{KG\ CO_2}$	**13,860**	**Commercial rooftop PV system**
System	Emissions avoided	modules	

"The Lyreco project demanded a reliable turnkey installation that would be fit for purpose for years to come. To achieve this aim, we needed a module manufacturer renowned for innovation, quality, sophistication and durability which led us to partner with Trina Solar."

James Sutton, Project Manager on-site for EvoEnergy

As part of its commitment to a green energy strategy, global workplace supplies provider Lyreco was searching for a way to embrace renewable energy generation on a large scale. With solar PV technology reaching unparalleled levels of sophistication, a rooftop PV installation represented a cost-effective solution.

To bring this project to fruition, Lyreco partnered with EvoEnergy, a leading UK-based installer of commercial scale solar projects. EvoEnergy chose Trina Solar as its manufacturing partner.

Trina Solar provided 13,860 of its cutting-edge 275W monocrystalline Honey M panels, utilising its expertise in managing large-scale requirements of this nature.

Covering the equivalent of 7.5 football pitches, the project is the UK's second largest rooftop solar PV system on a single building, and one of only five UK rooftop systems to exceed a yearly output of 3.2 GWh.

Funded by a power purchase agreement through Guinness Asset Management, the installation is set to cut Lyreco's annual carbon emissions by 1,700 tonnes and their energy bills by more than £53,000 a year.

This is an impressive demonstration of how Trina Solar's high performance products deliver positive results, regardless of the size of the task.

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Lyreco Distribution Centre

LOCATION
Telford, United Kingdom

SYSTEM TYPE
Commercial Rooftop PV system

SYSTEM SIZE
3.811 MWp

PRODUCT
TSM-DC05A.08 Honey M 275Wp

NUMBER OF MODULES
13,860

ANNUAL ENERGY OUTPUT
3,200 MWh

COMPLETION DATE
January 2016

Trina Solar Honey M Plus PV Module

The monocrystalline DC05A.08 (II) Honey M Plus module, an upgrade of the successful Honey M module, is the newest member of Trina Solar's innovative Honey family. Thanks to the addition of Passivated Emitter and Rear Cell (PERC) technology, the module offers an average cell efficiency of up to 18.0%, enabling greater energy production and better performance, including in low-light environments.

This product is also equipped with advanced 5-busbar technology, which provides the added advantage of lower series resistance, increased cell-to-module ratio and enhanced reliability.

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