

MAKING MODERN LIVING POSSIBLE



The Danfoss DLX PV inverter Series Performance and flexibility in a user friendly design

For residential installations from 2.0 kW to 4.6 kW



97.3%

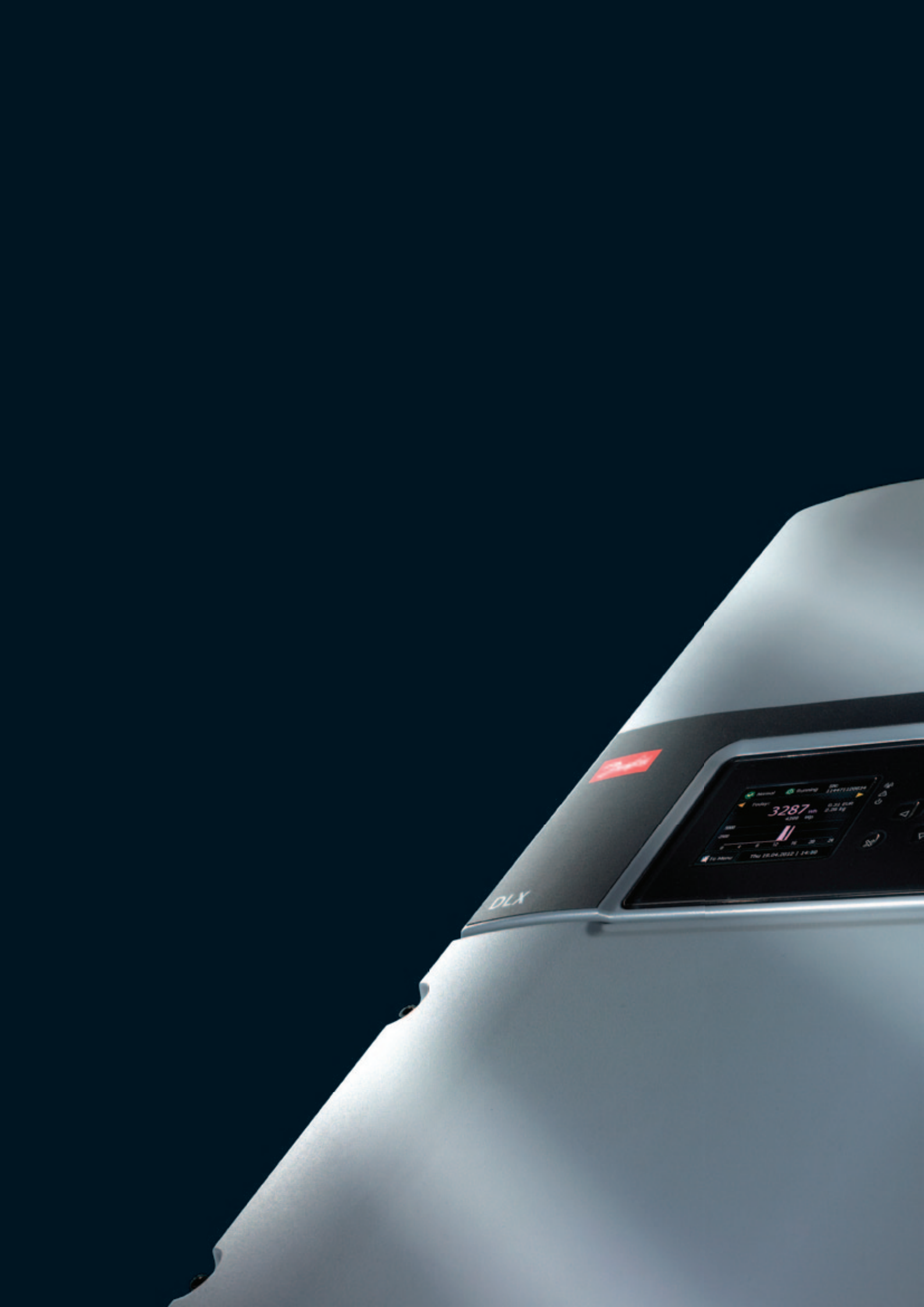
maximum efficiency

World class performance
in a transformer based solution

www.danfoss.com/solar



**Stunning design &
outstanding performance**



DLX



Danfoss DLX inverters

Where design meets efficiency

A new generation of home-owners is investing in PV products where design, as well as performance, has become an important part of their decision making process. For those who demand the best in terms of both performance and design, the new Danfoss DLX delivers on both counts.

The DLX can be used with all PV cell technologies, and with its robust case and quiet running, can be mounted both indoors and out. Guided installation via an interactive screen makes installation simple.

With a DLX inverter at the heart of your residential offering, you can offer world beating efficiency combined with the ultimate in design and user-friendliness – a winning combination.

A DLX delivers on both design and performance – the best of both worlds



A simple and informative interface at your fingertips

Create a first-class impression

When you experience the new Danfoss DLX inverter first-hand, you'll get a sense of quality. From its die cast aluminium case to its full-colour user-friendly screen and built in monitoring services, the DLX stands out from the crowd as a high-end piece of technology.

A great investment

A PV installation is a valuable investment. You need to trust that the solution will keep delivering savings for the lifetime of the installation. Because the DLX is built using the highest quality components, you can be sure that you're getting the most reliable solution on the market. And the DLX is no slouch when it comes to efficiency either. With its 97.3% maximum efficiency, the DLX leads the world – so when you demand the best, the DLX delivers.

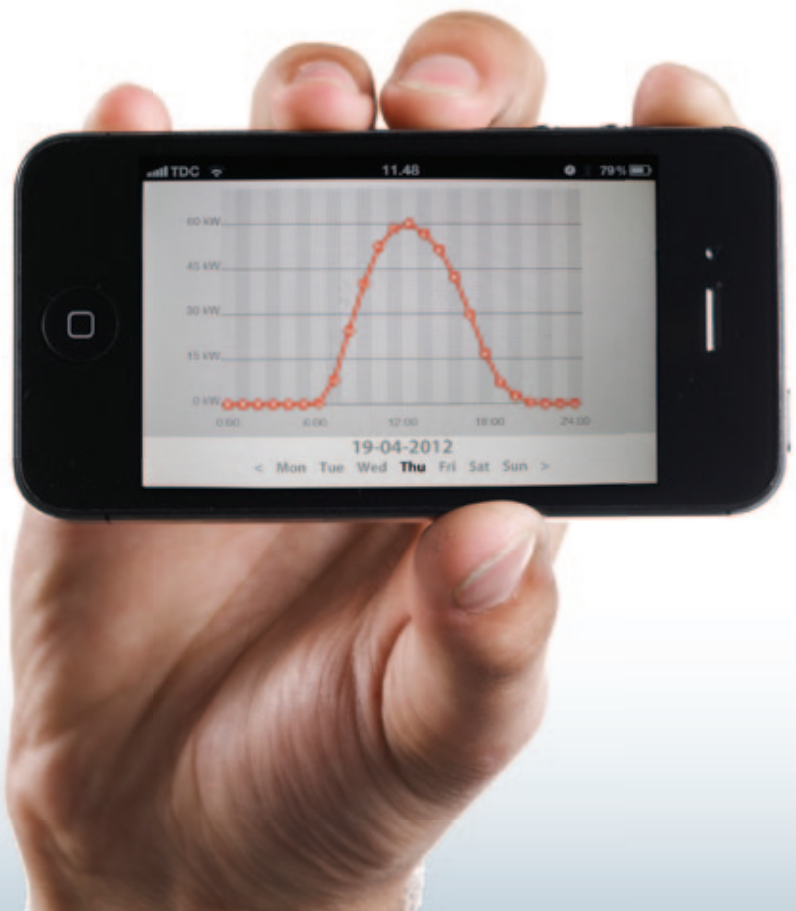
A smooth operator

The DLX is extremely quiet during operation. This means that you can install the DLX virtually anywhere inside or outside the house without having to worry about noise issues.

Very well connected

Monitoring the performance of a PV installation is simple with the intuitive interface on the DLX or integrated Web Server. But for real ease of use – and bragging rights – the DLX works seamlessly with the new CLX Home monitoring solution, featuring ConnectSmart™, which offer 24/7 remote system monitoring via the Danfoss SolarApp or dedicated CLX Portal. This means that you can easily monitor plant performance anytime, anywhere.

With ConnectSmart™ you get real time monitoring anywhere, anytime on your smartphone, tablet or computer.



The future lo

Suitable for all kinds of PV module types

Transformer-based

Robust design with IP65

Master inverter functionality

3 phase power balancing

Four power sizes: 2.0, 2.9, 3.8 and 4.6 kW



Performance

The 97.3% efficiency of a DLX inverter, combined with optimised MPP tracking delivers extraordinarily high yields, even under fluctuating and dynamic conditions. Intelligent thermal design using convection cooling gives consistent performance under high ambient temperatures. Cooler running increases the longevity of the system. With high efficiency at low irradiation and longer operation time, maximum energy harvest is ensured.

Flex

Galvanic isolation makes it possible to use the DLX with various PV technologies, including thin film. A high level of protection allows the unit inside or outside the building. The DLX is built for easy handling and all connections accessible beneath an interactive display offers multiple lan

looks like this



World leading efficiency of 97.3%

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Graphical colour display

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Low noise allows indoor locations

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Full built-in monitoring

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CLX compliant

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Streamlined design

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Flexibility

To use the DLX with all PV cell technologies, the highly protected casing lets you mount it in any orientation. With a weight between 19 and 21 kg, it is easy to handle. Installation is simple, with a quick-to-remove panel. The two-way hinges allow for easy country configuration.

User-friendliness

The full-colour screen has an intuitive user-interface with clear and easy-to-read data. It allows you to access graphs and diagrams. With a DLX a full monitoring solution is built-in and no extra PC software is required. For larger sites, a single inverter acts as a monitoring hub, to provide a single point of access for performance checks – either remotely or on-site – at any time.



Designed for tomorrow

The DLX series of transformerbased string inverters defines a new level of efficiency, flexibility and user friendliness. Suitable for all PV cell technologies and ready for use all over the world, the DLX is the perfect choice for any residential PV installation.

We have it covered

From residential to large-scale PV systems, Danfoss can always give you the smartest solution. The versatility of our products, their flexibility and ease of use are a testament to our customer focus. With our unique real-life and lab testing facilities, we are able to deliver reliable, state-of-the-art inverters that take advantage of the latest in production technology. We know the demands of the solar industry and that time is money: Every hour your solar panels are out of service is visible on your bottom line. That's why we've put in place a service concept that will always find the easiest and fastest way to ensure that your system is up and running.

An experienced partner

Danfoss is a global company with over 40 years of experience in power electronics. Find your local Danfoss contact at www.danfoss.com/solar where you can find out how we can help you develop competitive, future-proof solar solutions for your customers today.

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