



PRODUCT & APPLICATION NEWS NO. 7 – NOVEMBER 2008

# TripleLynx – The alternative to central inverters

## Standard, mass produced, available

The TripleLynx inverters are very suitable in large installations as a substitute for central inverters. Where other string inverters may fall short the 1000 V input and 3x400 V a.c. output make TripleLynx perfect.

String inverters offer availability and flexibility as they are standard products available all over Europe. Additionally, the string inverters require no supplementary training and can be installed by the local inverter installer.

### Benefits & advantages

- Simple and Common
- Can be installed and serviced by the local inverter installer
- Flexible Installation
- Standard
- Mass-produced
- Low-weight – easy handling
- No need for additional buildings or concrete-work
- 1000 V input
- 98 % Efficiency
- Wide nominal MPPT range 430-800 V
- Standard 5 year warranty without service contract
- Warranty prolongation up to 10 years available



# Simple small building blocks

TripleLynx inverters incorporate a unique combination of properties that make them very suitable in large applications. This is advantageous in combination with the qualities of string inverters.

The TripleLynx inverters combine 1000 V input with 3x400 V a.c. and 98% max. efficiency, making it suitable for installations where the inverters are placed separately near the panels as well as installations where the inverters are collated near the transformer. String inverters with more d.c. input additionally provide flexibility in the installation as every input has its own tracker. This individual tracking enables a more precise and faster tracking of the optimal performance of every string of modules.

The high voltage ensures a minimum d.c. loss in connection with the transfer of energy from the panels regardless of configuration.

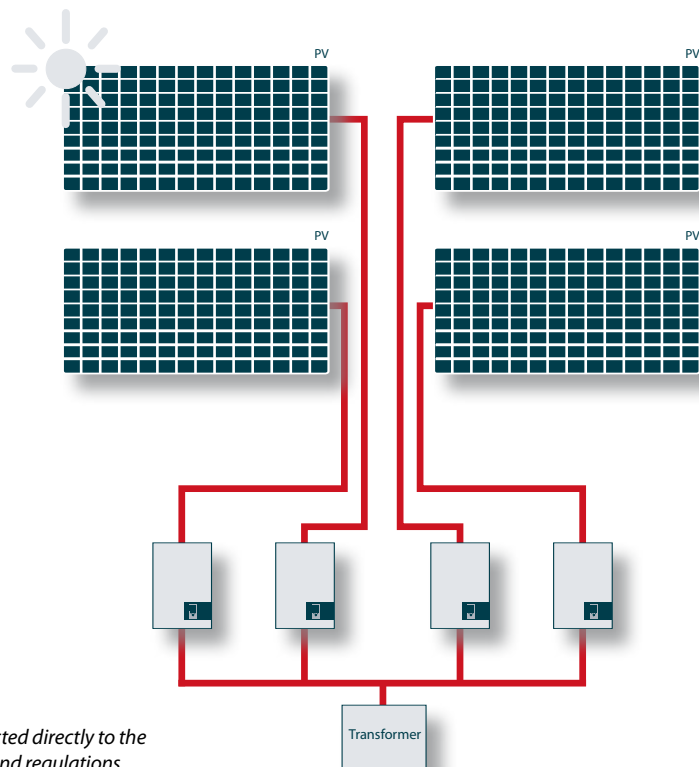
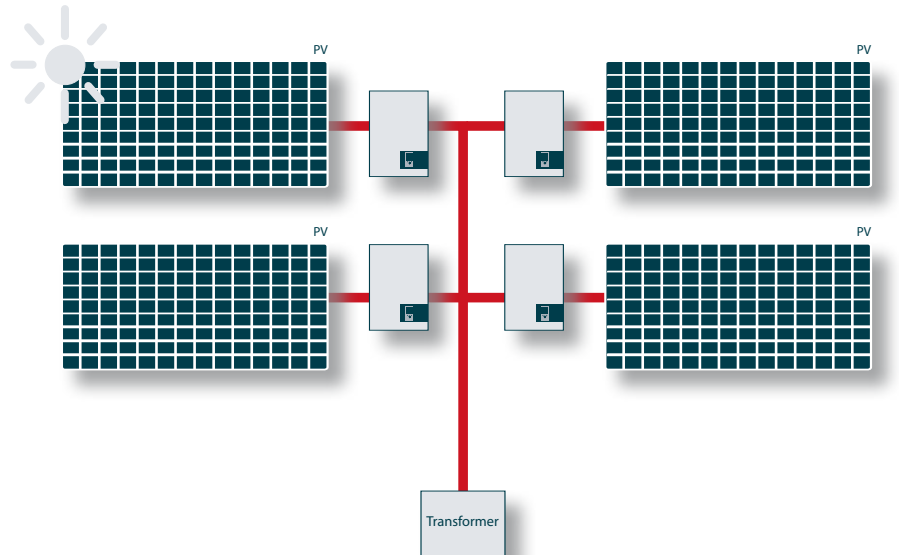
This again provides a large degree of flexibility in the installation.

The inverters have a weight of 35 kg making them easy to install and handle. They can be mounted on the PV mounting structure, on the wall of a building or where convenient.

String inverters have the advantage of being common in the market and easy to work with. The local inverter installer can install them and perform service if necessary. Additionally the advantage of smaller units is that only a minor part of the installation is affected should the inverter break down.

### Service

The Danfoss Solar Inverters service network offers hotline in 5 languages, exchange inverters and on site service initiated within 24 h.



Connection to Medium Voltage Grid. TripleLynx can also be connected directly to the Low Voltage Grid without a transformer. Always check local rules and regulations.

## Danfoss Solar Inverters A/S

Jyllandsgade 28  
 DK-6400 Sønderborg  
 Denmark  
 Tel: +45 7488 1300  
 Fax: +45 7488 1301  
 E-mail: solar-inverters@danfoss.com  
 www.solar-inverters.danfoss.com