



PRIESS
ENERGY SUPPLY

PRIESS



Infrastructure solutions
for public spaces

Technical cabins and cabinets

WELCOME TO THE THOROUGHLY TESTED PRIESS **SECONDARY SUBSTATIONS**

Priess A/S was established 100 years ago and has for the last 60 years supplied technical cabins for the infrastructure on the Danish market. We have developed together with the market and therefore today deliver more and more complete solutions. The company is 100% Danish owned and has a hands-on approach to the cabin from start to finish. Right from rolling of coils to on-site delivery and installation of cabins. All work is performed in Denmark and contributes to ensuring Danish jobs, solid Danish quality and fast delivery of customised solutions. All of this raises the quality of the work and service that Priess A/S provides.

Secondary substations from Priess A/S are characterized by great flexibility. They are usually used for equipment from the electricity sector to transform voltage from 10-20kV to 400V. The stations can easily be varied in size, material and design and thus adapted to any customer requirements. The following options are available for the stations such as:

- **Medium-voltage cables between medium-voltage systems and transformers**
- **High voltage meters**
- **Earthing systems**
- **Miscellaneous LV installations**

Contact us and together we will find the best solution for your project.

WE CONTINUOUSLY TEST OUR SECONDARY SUBSTATIONS TO ENSURE THE BEST POSSIBLE SAFETY.

AMONG OTHER TYPES OF TESTING, WE HAVE PERFORMED SEVERAL ACCREDITED ARC FLASH TESTS ON OUR SECONDARY SUBSTATIONS OVER THE YEARS – MOST RECENTLY IN 2021.

WE TEST OUR SECONDARY SUBSTATIONS IN ACCORDANCE WITH DS/EN 62271-202. OUR TESTED SECONDARY SUBSTATIONS HAVE THUS BEEN GRANTED A CLASSIFICATION KNOWN AS IAC-AB. OVER THE YEARS WE HAVE PERFORMED TESTS AT BOTH 20 KA AND 36 KA FOR ONE SECOND.

PRIES' SECONDARY SUBSTATIONS – A THOROUGHLY TESTED CONCEPT



1

OFFER PHASE

Design and planning together with the customer. Requirements for equipment are clarified and the location of equipment is determined.

2

PRODUCTION OF SECONDARY SUBSTATION



The station is produced in a specially developed factory building. All materials for the station are stored indoors – this further ensures the quality of the end product.

**3**

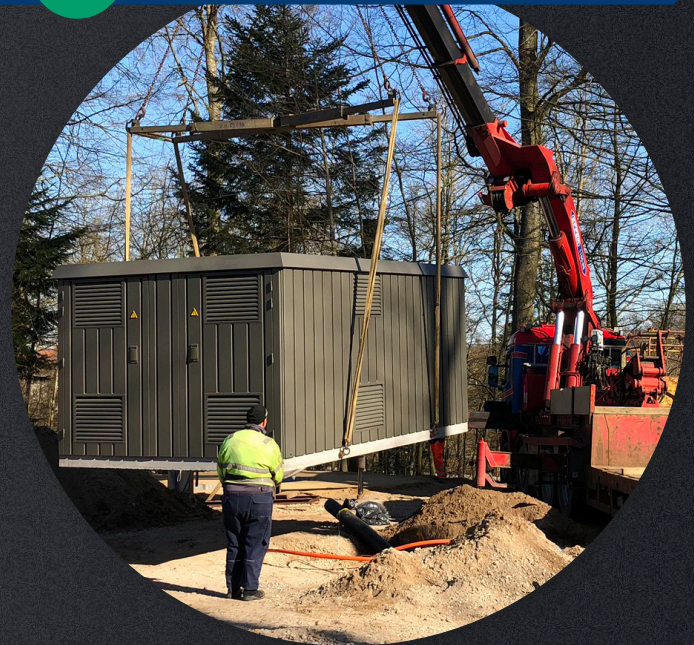
INSTALLATION OF THE EQUIPMENT

Depending on your requirement, in addition to standard equipment such as transformers, switchgear, switchboards, etc., we also offer lighting installation, medium-voltage cables between medium-voltage systems and transformers, transient protection, low and high voltage meters, etc.

The secondary substation can be delivered as a Plug & Play solution, where the station is lifted with a concrete foundation on-site and placed upon a sand pad. The station is then connected, upon which it is operational. Readings are organised either by you or by Priess A/S.

4

PLUG & PLAY DELIVERY



BENEFITS

1. Know-how

For more than 60 years, we have continuously updated and improved the house concept that we use today. This makes us a valuable partner.

2. Testing of secondary substations

With continuous testing of our secondary substations, we ensure that we always live up to the latest requirements, and at the same time ensure that operators and passers-by are always guaranteed the highest possible level of safety.

3. Plug & Play

We supply fully assembled secondary substations with all internal equipment, i.e. cables, switchgear, low voltage switchboards and transformers.

4. Components of the highest quality

Priess A/S uses recognised suppliers of electrical components that deliver the highest quality for installation – which significantly increases the quality.

5. Customised solutions

Secondary substations are designed in many different ways in sizes ranging from 200 kVA to 2500 kVA. Standard sizes from 200 kVA to 1600 kVA.

6. Danish quality solution

Quality is the best environmental protection!

Thus, our stations are virtually maintenance-free and have a long service life.

7. Complete service from design to delivery

We are involved from the initial design of the stations to the final on-site delivery.



DANISH DESIGN



The main benefits:

- Know-how
- Test of secondary substations
- Plug & Play delivery with all installations
- Components of the highest quality
- Customised solutions
- Danish quality solution
- Complete service from design to on-site delivery



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