



# **TRASF** ECO



UL  
File number  
E347008



# COMPANY PROFILE

**TRASF ECO** was born keeping in mind the ecologic transformer, becoming today our strength in renewable energies and reference point in the market.

Trasf Eco S.r.l. obtained and maintains **ISO 9001** quality certification. Present on National and International market for over 35 years, Trasf Eco acts in the sector of design and production of dry-type electric transformers and inductances.

During these years Trasf Eco has extended, improved and advanced his production so that to obtain different local and national working awards, but the most important above them is still the full client satisfaction.

Thanks to the strict national and foreign tests passed, Trasf Eco increase year by year his presence and productivity over the most important European and international countries, as official supplier in **photovoltaic, aeolian, naval, railway, water purification plants markets as well as other activities.**

**TRASF ECO** philosophy is focused on different points such as:

- ⦿ Absolute product quality, very strict test in our site and from certification authority.
- ⦿ The shortest times for design, construction and delivery of each product.
- ⦿ Fully personalized dimensions for the required transformer.

Standard production include among other the following categories:

- ⦿ Transformers for Job-Centers.
- ⦿ High performance transformers for photovoltaic systems.
- ⦿ Transformers for naval use.
- ⦿ Transformers for railway sector.
- ⦿ Transformers for aeolian systems.
- ⦿ Transformers for water purification plants.
- ⦿ Transformers for distribution up to 24 kV.
- ⦿ Three phase and single phase transformers up to 4000 kVA.
- ⦿ Transformers with integrated inductance.
- ⦿ Three phase and single phase autotransformers.
- ⦿ Start-up autotransformers.
- ⦿ Three phase and single phase inductances.
- ⦿ Three phase and single phase limitative Reactance.

# THE MISSION

**TRASF ECO** puts particular attention to achieve strategic and fundamental aims like:

- ⦿ Providing continuity of quality policies.
- ⦿ Granting the maintenance of the highest productive and quality standards, well known since many years on own products and aim to their improvement.
- ⦿ Giving a product that comply with the rules and able to satisfy the strictest national and international certifications.
- ⦿ Keeping under constant control times of production.
- ⦿ Placing continuous controls to the principal company costs.
- ⦿ Respecting criterions of environmental protection, working place and individual integrity.
- ⦿ Affirming full respect to the UNI EN ISO 9001 quality system.
- ⦿ Checking continuously the customer satisfaction.
- ⦿ Respecting quality procedures of components used, controlled at their receipt.
- ⦿ Continuous presence and active participation of administrators in companies processes.

This permits to **TRASF ECO** to be in a continuous growing maintaining anyway a constant competitiveness on the market.



# PHOTOVOLTAIC

## Three-phase Transformer

200 kVA

200 V / 480 V

60 Hz

YNd11

Class H/H

Performance 99,1%

800 l - 800 d - 700 h

850 Kg



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# The energy of our sun

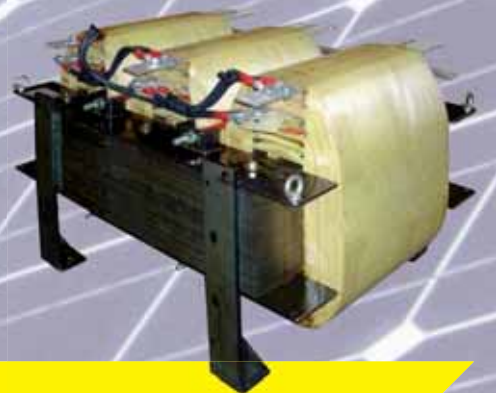
## Three-phase Transformer

22 kVA  
400 V / 400 V  
50/60 Hz  
Dyn11  
Class H/F  
Performance 98%  
600 l - 620 d - 400 h  
275 Kg



## Three-phase Transformer

300 kVA  
200 V / 480 V  
60 Hz  
YNd11  
Class H/H  
Performance 99,1%  
1000 l - 800 d - 800 h  
1.000 Kg



## Three-phase Transformer

100 kVA  
400 V / 320 V  
50/60 Hz  
YNd11  
Class H/H  
Performance 98,2%  
750 l - 500 d - 650 h  
450 Kg



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# AEOLIAN

## *Three-phase Transformer*

1.500 kVA  
2.400 V / 1.400 V  
1.650 V / 1.900 V  
50/60 Hz  
Dd0  
Class H/H  
Performance 98,5%  
2000 l - 1400 d - 1500 h  
3.700 Kg



*Applied voltage 10 kVA towards all  
Electrostatic screen between windings, earth  
connected.*

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# The power of wind

## Single-phase Inductance

1,500 mH  
700 A / 1.000 A  
50 Hz  
Class H/H  
600 l - 450 d - 900 h  
750 Kg



## Three-phase Transformer

1.500 kVA  
2.400/1.400-1.650-1.900 V  
50/60 Hz  
Dyn11  
Class H  
Performance 98%  
2000 l - 1400 d - 1500 h  
3.500 Kg



## Single-phase Inductance

8 - 6 - 4 - 2 H  
15 A  
50 Hz  
Applied voltage 50 kV  
to all  
Class H/F  
1000 l - 650 d - 1100 h  
500 Kg



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# WATER PURIFICATION

## *Three-phase Transformer*

5 kVA  
400 V / 9.000 V  
1000 Hz  
Class H/B  
Performance 97,5%  
Applied voltage 3 kV/22 kV  
500 l - 500 d - 700 h  
110 kg



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# For a cleaner water

## Single-phase Transformer

150 kVA  
500 V / 9.000 V  
1000 Hz  
Class H/B  
Performance 98,3%  
900 l - 800 d - 1250 h  
600 Kg



## Single-phase Transformer

12 kVA  
400 V / 19.000 V  
50 Hz  
Class H/B  
Applied voltage 3 kV/50 kV  
Performance 98,8%  
600 l - 500 d - 700 h  
500 kg



## Single-phase Transformer

700 kVA  
400-380 V / 400 V  
50/60 Hz  
Class H/F  
Performance 98,5%  
1500 l - 1400 d - 1800 h  
2.000 kg



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# NAVAL

## Three-phase Transformer

1.200 kVA  
690 V  $\pm$  2\*2,5 % / 400 V  
50/60 Hz  
Dd0  
Class H/F RINA  
Performance 98,9%  
1800 l - 1500 p - 1800 h  
3.200 Kg



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# Sailing in safety

## Three-phase Transformer

1.250 kVA  
440 V / 660 V  
50/60 Hz  
Dyn11  
Class H/F DNV  
Performance 98,6%  
1700 l - 1600 d - 1700 h  
2.800 Kg



## Three single-phase Box

300 kVA  
450 V / 230 V  
60 Hz  
Class H/F RINA  
Performance 98,4%  
200 l - 850 d - 900 h  
1.100 Kg



## Single-phase Transformer

200 kVA  
440  $\pm$  5% V / 230 V  
60 Hz  
Class H/F RINA e ABS  
Performance 98,5%  
1100 l - 700 d - 1000 h  
600 Kg



# RAILWAY

## *Three-phase Transformer KFactor 13*

900 kVA  
380 5% V / 380 V  
50/60 Hz  
Dyn11  
Class H/H  
Performance 99%  
1500 l - 800 d - 1250 h  
2.500 Kg



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# The smoothness on rails

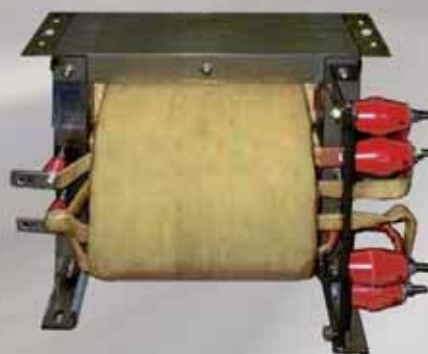
## Single-phase Inductance

2,5 mH  
250 A / 300 A  
DC net filter  
Class H/H  
500 l - 400 d - 250 h  
100 Kg



## Single-phase Transformer

55 kVA  
1.000 V / 750 V  
2000 Hz  
Class H  
600 l - 400 d - 450 h  
200 Kg



## Single-phase Inductance

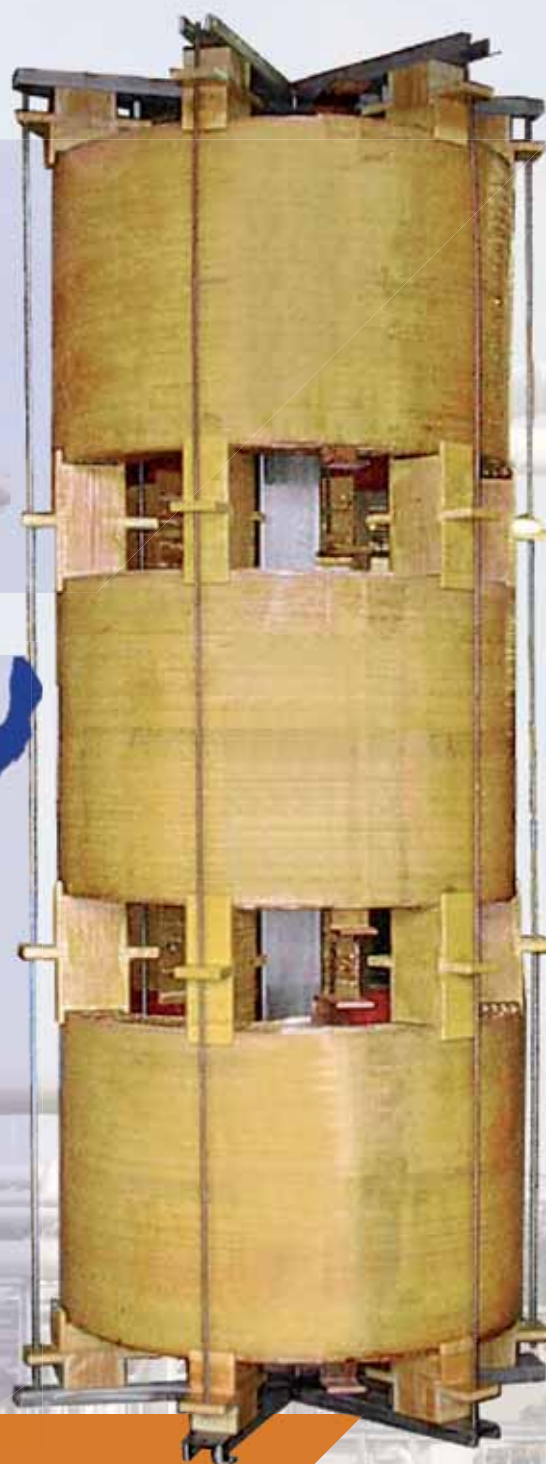
280 mH  
90 A / 110 A  
DC net filter  
Classe H  
Performance 98%  
800 l - 500 d - 550 h  
350 Kg



# DISTRIBUTION

## *Three-phase Reactor*

1 H  
1.600 A  
50 Hz  
Class H/H  
1300 l - 1300 d - 3200 h  
2.700 Kg



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# Moving on energy

## Three-phase Trasformer

300 kVA  
400 V / 120-1.000 V  
50/60 Hz  
Dyn11  
Class H/H  
Performance 98,3%  
1000 l - 800 d - 1200 h  
1.100 Kg



## Three-phase Trasformer

500 kVA  
400 V / 400-410-420 V  
50/60 Hz  
Dzno  
Class H/H  
Performance 98%  
1400 l - 1000 d - 1800 h  
2.000 Kg



## Three-phase Trasformer

560 kVA  
400 V / 410 V  
50/60 Hz  
Dzno  
Class H/H  
Performance 98,5%  
1400 l - 1000 d - 1800 h  
1.600 Kg



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