



# Transformer Stations

WE KNOW HOW

[www.neopet.bg](http://www.neopet.bg); [www.neopetpower.de](http://www.neopetpower.de)



Neopet Ltd. company has been on the market for 12 years, during this period, the company always strives to provide its partners with the most optimal solutions and performances in the field of energy. The reference list of the company is filled with different size, complexity and type of projects related to energy.

In recent years the company has a series of projects behind it, some of them are replacement of SF6 110kV distribution device in Vitosha - Sofia substation, introduction of full telemechanics and complete reconstruction of Dolna Mitropolia substation, construction of energy infrastructure "Balkan Stream" and many others.

Neopet Ltd. covers a large volume of engineering activities and solutions in the field of energy. To date we participate in projects on the territory of Bulgaria, Italy, Germany, the Netherlands, Serbia, Albania and a number of other countries. The constantly developing Neopet Ltd. starts production of electrical equipment, together with established world manufacturers.





## Transformer Station MTSM36C25

- 10'HC Metal container
- Dimensions: L 2991 x H 2896 x W 2438
- Total Weight with equipment < 14 tonnes
- Operating Temperature -30° ~ +60°
- Relative Humidity 0 – 99%
- Max Altitude – 2000 m
- Insulation voltage up to 36kV
- Choice of Power up to 2.5MW
- Up to 10 Low Voltage inputs/outputs 400/800VAC
- Up to 2425A input Current on Low Voltage side
- Rating of Protection: Ip54
- Up to 5 pcs. Medium Voltage Cubicles
- Anti corrosion Degree: C3/C5
- Communication interface: Ethernet/RJ 45/Fiber optic/RS485
- Communication protocol:  
Modbus TCP/IEC103/IEC61850/Modbus RTU
- Standards Compliance: BDS EN62271:2012, IEC 60076,  
IEC 62271-202, EN 50588-1, IEC 61439-1

**Application:** Mining Industry; Chemical Industry; Electrical distribution; Oil & Gas; Heavy Industry; Renewable Energy



## Transformer Station MTSM36C5M

- 20'HC Metal container
- Dimensions: L 6058 x H 2896 x W 2438
- Total Weight with equipment < 20 tonnes
- Operating Temperature -30° ~ +60°
- Relative Humidity 0 – 99%
- Max Altitude – 2000 m
- Insulation voltage up to 36kV
- Choice of Power up to 6.3MW
- Up to 20 Low Voltage inputs/outputs 400/800VAC
- Up to 2 x 2425A input Current on Low Voltage side
- Rating of Protection: Ip54
- Up to 5 pcs. Medium Voltage Cubicles
- Anti corrosion Degree: C3/C5
- Communication interface: Ethernet/RJ 45/Fiber optic/RS485
- Communication protocol:  
Modbus TCP/IEC103/IEC61850/Modbus RTU
- Standards Compliance: BDS EN62271:2012, IEC 60076,  
IEC 62271-202, EN 50588-1, IEC 61439-1

**Application:** Mining Industry; Chemical Industry; Electrical distribution; Oil & Gas; Heavy Industry; Renewable Energy



## Transformer Station MTSM36C5

- 20'HC Metal container
- Dimensions: L 6058 x H 2896 x W 2438
- Total Weight with equipment < 20 tonnes
- Operating Temperature -30° ~ +60°
- Relative Humidity 0 – 99%
- Max Altitude – 2000 m
- Insulation voltage up to 36kV
- Choice of Power up to 6.3MW
- Up to 20 Low Voltage inputs/outputs 400/800VAC
- Up to 2 x 2425A input Current on Low Voltage side
- Rating of Protection: Ip54
- Up to 5 pcs. Medium Voltage Cubicles
- Anti corrosion Degree: C3/C5
- Communication interface: Ethernet/RJ 45/Fiber optic/RS485
- Communication protocol:  
Modbus TCP/IEC103/IEC61850/Modbus RTU
- Standards Compliance: BDS EN62271:2012, IEC 60076,  
IEC 62271-202, EN 50588-1, IEC 61439-1

**Application:** Mining Industry; Chemical Industry; Electrical distribution; Oil & Gas; Heavy Industry; Renewable Energy



## Medium Voltage Switchgear MSWG36C5

- 20'HC Metal container
- Dimensions: L 6058 x H 2896 x W 2438
- Total Weight with equipment < 10 tonnes
- Operating Temperature -30° ~ +60°
- Relative Humidity 0 - 99%
- Max Altitude - 2000 m
- Insulation voltage up to 36kV
- Auxiliary transformer up to 2500kVA
- Rating of Protection: IP54
- Up to 7 pcs. Medium Voltage Cubicles
- Anti corrosion Degree: C3/C5
- Communication interface: Ethernet/RJ 45/Fiber optic/RS485
- Communication protocol:  
Modbus TCP/IEC103/IEC61850/Modbus RTU
- Standards Compliance: BDS EN62271:2012, IEC 60076,  
IEC 62271-202, EN 50588-1, IEC 61439-1

**Application:** Mining Industry; Chemical Industry; Electrical distribution; Oil & Gas; Heavy Industry; Renewable Energy



## Transformer Station MTSM36C5

- Metal container
- Dimensions: L 6058 x H 2896 x W 2438
- Total Weight with equipment < 20 tonnes
- Operating Temperature -30° ~ +60°
- Relative Humidity 0 – 99%
- Max Altitude – 2000 m
- Insulation voltage up to 36kV
- Choice of Power up to 6.3MW
- Up to 20 Low Voltage inputs/outputs 400/800VAC
- Up to 2 x 2425A input Current on Low Voltage side
- Low Voltage side
- Rating of Protection: Ip54
- Up to 5 pcs. Medium Voltage Cubicles
- Anti corrosion Degree: C3
- Communication interface: Ethernet/RJ 45/Fiber optic/RS485
- Communication protocol:  
Modbus TCP/IEC103/IEC61850/Modbus RTU
- Standards Compliance: BDS EN62271:2012, IEC 60076,  
IEC 62271-202, EN 50588-1, IEC 61439-1

**Application:** Mining Industry; Chemical Industry; Electrical distribution; Oil & Gas; Heavy Industry; Renewable Energy



## Transformer Station MTSM36C32

- Metal container
- Dimensions: L 6058 x H 2896 x W 2438
- Total Weight with equipment < 20 tonnes
- Operating Temperature -30° ~ +60°
- Relative Humidity 0 – 99%
- Max Altitude – 2000 m
- Insulation Voltage up to 36kV
- Choice of Power up to 3.2 MW
- Up to 15 Low Voltage inputs/outputs 400/800VAC
- Up to 2x1600A input Current on Low Voltage side
- Rating of Protection: IP54
- Two separate Medium Voltage sections
- Up to 8 pcs. Medium Voltage Cubicles
- Anti corrosion Degree: C3
- Communication interface: Ethernet/RJ 45/Fiber optic/RS485
- Communication protocol:  
Modbus TCP/IEC103/IEC61850/Modbus RTU
- Standards Compliance: BDS EN62271:2012, IEC 60076,  
IEC 62271-202, EN 50588-1, IEC 61439-1

**Application:** Mining Industry; Chemical Industry; Electrical distribution; Oil & Gas; Heavy Industry; Renewable Energy



## Medium Voltage Switchgear MTSM-C36-2500

- Metal container
- Dimensions: L 4500 x H 2900 x W 2882
- Total Weight with equipment < 6 tonnes
- Operating Temperature -30° ~ +60°
- Relative Humidity 0 – 99%
- Max Altitude – 2000 m
- Insulation voltage up to 36kV
- Rating of Protection: IP54
- Up to 20 pcs. Medium Voltage Cubicles
- Two separate Medium Voltage sections
- Anti corrosion Degree: C3
- Communication interface: Ethernet/RJ 45/Fiber optic/RS485
- Communication protocol:  
Modbus TCP/IEC103/IEC61850/Modbus RTU
- Standards Compliance: BDS EN62271:2012, IEC 60076,  
IEC 62271-202, EN 50588-1, IEC 61439-1

**Application:** Mining Industry; Chemical Industry; Electrical distribution; Oil & Gas; Heavy Industry; Renewable Energy



## Medium Voltage Switchgear MTSM36-C3

- Metal container
- Dimensions: L 3260 x H 2900 x W 2438
- Total Weight with equipment < 3 tonnes
- Operating Temperature -30° ~ +60°
- Relative Humidity 0 – 99%
- Max Altitude – 2000 m
- Insulation voltage up to 36kV
- Rating of Protection: IP54
- Up to 10 pcs. Medium Voltage Cubicles
- Two separate Medium Voltage sections
- Anti corrosion Degree: C3
- Communication interface: Ethernet/RJ 45/Fiber optic/RS485
- Communication protocol:  
Modbus TCP/IEC103/IEC61850/Modbus RTU
- Standards Compliance: BDS EN62271:2012, IEC 60076,  
IEC 62271-202, EN 50588-1, IEC 61439-1

**Application:** Mining Industry; Chemical Industry; Electrical distribution; Oil & Gas; Heavy Industry; Renewable Energy

# CERTIFICATES



**Transformer  
Station MTSM36C25**



Registered 18/05/2023 - No 015021767-0001



**Transformer  
Station MTSM36C5**



Registered 01/02/2023 - No 015010306-0001



**Transformer  
Station MTSM36C5**



Registered 23/02/2023 - No 015012401-0001



**Medium Voltage Switchgear  
MTSM36-C3**



Registered 23/02/2023 - No 015012405-0001

# CERTIFICATES



### Information security management systems

Neopet Ltd. is certified that the Information security management systems is in accordance with the standard ISO/IEC 27001:2015.



### Energy management

As of 2022, Neopet Ltd. already has a certificate ISO50001:2015.



### Construction Certificates

Neopet Ltd. has construction categories according to the Bulgarian legislation.



### Health & Safety Certification

Since 2015, Neopet Ltd. was awarded the Health & Safety Certification for our wide range of engineering work.



### Standard for quality management

Neopet Ltd. is certified that the quality management system is in accordance with the standard ISO 9001:2015 for the following fields of activity: Research, consulting, engineering, construction and commissioning of electrical equipment, production installations, cable lines, buildings and adjacent infrastructure.



### Environmental management systems

The implementation of ISO 14001: 2015 is a good form for organizing the work process of Neopet Ltd., as it is an active management system and helps to build and continuously improve an effective management system in our organization, in terms of protection of environment.









[www.neopet.bg](http://www.neopet.bg); [www.neopetpower.de](http://www.neopetpower.de)